



Producing Images and Movies

An introduction to several useful tools for creating publication-quality images and movies



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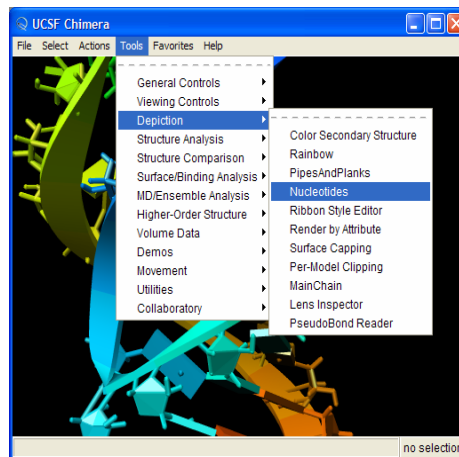
1

[illegible]



Depiction Tools

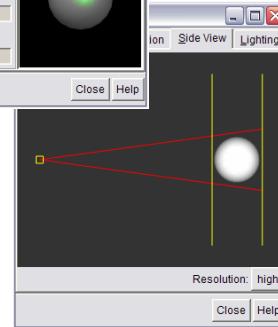
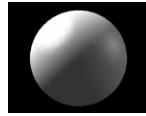
In addition to the Actions menu and the Selection Inspector, there are many other tools for tweaking the visualization



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I'm just to highlight my favorites

A blue torus (donut shape) is shown. A black path starts from the left, enters the hole of the torus, and exits to the right. A red sphere is positioned on the black path inside the torus's hole.



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This image shows a full page of white paper with horizontal blue or grey ruling lines, typical of notebook paper. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



Save Image

Image Size

Units: inches

Image width: 5.33753

Image height: 4.00315

☒ Maintain current aspect ratio

Grow to Fit Shrink to Fit

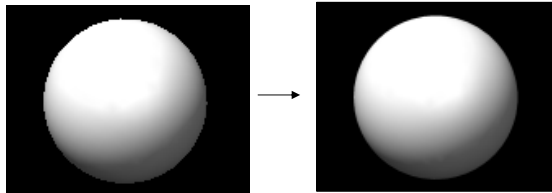
Get Pixels Image Setup

Image Information

Description:

Image Credits Citing Chimera

Save As Cancel Help



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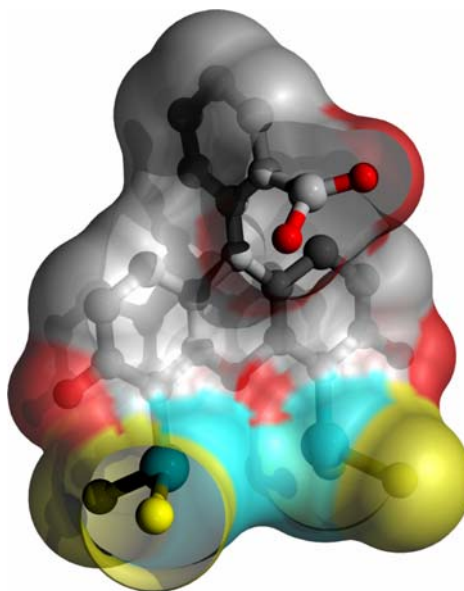
Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



Chimera can export the current scene in X3D, Pov-ray, and RenderMan formats. Browser plugins exist for X3D. Pov-ray is a raytracing format. RenderMan is used for commercial video.

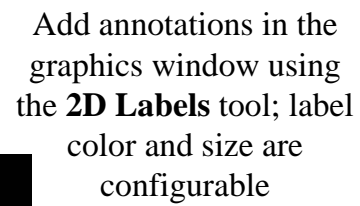
Image generated by free RenderMan
renderer from www.3delight.com



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Notes

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Notes

[illegible]



Movie Recorder

Record **Make movie**

Status
 Stopped
 # Frames: 0
 Resolution: 612x384
 Est. Length: 0s

Reset ☒ Reset after encode

Output format: **MPEG-2 [mp2]**

Output file: **jusrmp\chimera_movie.mp2** **Browse...**

Frame Options

Directory: **/tmp** **Browse...**

Filename pattern: **chimovie_Abr.***

Format: **PNG [png]**

☐ Save images on Reset

Movie Options

low compression / **1** high compression
 high quality low quality

Frame rate (fps): **25**

☐ Use preset video format

Resolution: **720x480**

Format: **MPEG-2**

Bit rate (Kb/s): **6000**

Buffer size (KB): **204**

Presets: **DivX**

Close **Help**

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Notes

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