| Color | Color Name | R,G,B |
| --- | --- | --- |
|  | blue | (0,0,255) |
|  | medium blue | (0,0,205) |
|  | navy | (0,0,128) |
|  | dark blue | (0,0,139) |
|  | indigo | (75,0,130) |
|  | dark violet | (148,0,211) |
|  | deep sky blue | (0,191,255) |
|  | dark turquoise | (0,206,209) |
|  | dodger blue | (30,144,255) |
|  | blue violet | (138,43,226) |
|  | midnight blue | (25,25,112) |
|  | dark orchid | (153,50,204) |
|  | royal blue | (65,105,225) |
|  | steel blue | (70,130,180) |
|  | medium orchid | (186,85,211) |
|  | corn flower blue | (100,149,237) |
|  | Cornflower Blue | (100,149,237) |
|  | medium slate blue | (123,104,238) |
|  | dark slate blue | (72,61,139) |
|  | slate blue | (106,90,205) |
|  | medium purple | (147,112,219) |
|  | light sky blue | (135,206,250) |
|  | sky blue | (135,206,235) |
|  | cadet blue | (95,158,160) |
|  | light blue | (173,216,230) |
|  | powder blue | (176,224,230) |
|  | light slate gray | (119,136,153) |
|  | slate gray | (112,128,144) |
|  | light steel blue | (176,196,222) |
|  | lavender | (230,230,250) |
|  | alice blue | (240,248,255) |
|  | ghost white | (248,248,255) |
|  | cyan | (0,255,255) |
|  | dark cyan | (0,139,139) |
|  | light cyan | (224,255,255) |
|  | turquoise | (64,224,208) |
|  | medium turquoise | (72,209,204) |
|  | pale turquoise | (175,238,238) |
|  | aqua marine | (127,255,212) |
|  | honeydew | (240,255,240) |
|  | azure | (240,255,255) |
|  | mint cream | (245,255,250) |
|  | Lime | (0,255,0) |
|  | lawn green | (124,252,0) |
|  | chart reuse | (127,255,0) |
|  | spring green | (0,255,127) |
|  | medium spring green | (0,250,154) |
|  | green yellow | (173,255,47) |
|  | lime green | (50,205,50) |
|  | yellow green | (154,205,50) |
|  | light green | (144,238,144) |
|  | pale green | (152,251,152) |
|  | light sea green | (32,178,170) |
|  | teal | (0,128,128) |
|  | medium aqua marine | (102,205,170) |
|  | forest green | (34,139,34) |
|  | olive drab | (107,142,35) |
|  | sea green | (46,139,87) |
|  | medium sea green | (60,179,113) |
|  | green | (0,128,0) |
|  | dark green | (0,100,0) |
|  | dark olive green | (85,107,47) |
|  | dark sea green | (143,188,143) |
|  | baby puke green | (192,192,0) |
|  | olive | (128,128,0) |
|  | yellow | (255,255,0) |
|  | dark khaki | (189,183,107) |
|  | khaki | (240,230,140) |
|  | pale golden rod | (238,232,170) |
|  | beige | (245,245,220) |
|  | bisque | (255,228,196) |
|  | blanched almond | (255,235,205) |
|  | lemon chiffon | (255,250,205) |
|  | papaya whip | (255,239,213) |
|  | light golden rod yellow | (250,250,210) |
|  | antique white | (250,235,215) |
|  | light yellow | (255,255,224) |
|  | misty rose | (255,228,225) |
|  | old lace | (253,245,230) |
|  | sugar cane | (240,240,220) |
|  | linen | (250,240,230) |
|  | sea shell | (255,245,238) |
|  | red | (255,0,0) |
|  | maroon | (128,0,0) |
|  | dark red | (139,0,0) |
|  | orange red | (255,69,0) |
|  | dark orange | (255,140,0) |
|  | orange | (255,165,0) |
|  | gold | (255,215,0) |
|  | crimson | (220,20,60) |
|  | tomato | (255,99,71) |
|  | coral | (255,127,80) |
|  | indian red | (205,92,92) |
|  | salmon | (250,128,114) |
|  | light salmon | (255,160,122) |
|  | magenta | (255,0,255) |
|  | hot pink | (255,105,180) |
|  | orchid | (218,112,214) |
|  | medium violet red | (199,21,133) |
|  | pale violet red | (219,112,147) |
|  | purple | (128,0,128) |
|  | dark magenta | (139,0,139) |
|  | deep pink | (255,20,147) |
|  | light coral | (240,128,128) |
|  | violet | (238,130,238) |
|  | plum | (221,160,221) |
|  | thistle | (216,191,216) |
|  | dark salmon | (233,150,122) |
|  | saddle brown | (139,69,19) |
|  | sienna | (160,82,45) |
|  | firebrick | (178,34,34) |
|  | brown | (165,42,42) |
|  | chocolate | (210,105,30) |
|  | peru | (205,133,63) |
|  | sandy brown | (244,164,96) |
|  | golden rod | (218,165,32) |
|  | dark golden rod | (184,134,11) |
|  | burly wood | (222,184,135) |
|  | tan | (210,180,140) |
|  | rosy brown | (188,143,143) |
|  | pink | (255,192,203) |
|  | light pink | (255,182,193) |
|  | navajo white | (255,222,173) |
|  | moccasin | (255,228,181) |
|  | peach puff | (255,218,185) |
|  | wheat | (245,222,179) |
|  | lavender blush | (255,240,245) |
|  | corn silk | (255,248,220) |
|  | floral white | (255,250,240) |
|  | ivory | (255,255,240) |
|  | snow | (255,250,250) |
|  | white | (255,255,255) |
|  | white smoke | (245,245,245) |
|  | gainsboro | (220,220,220) |
|  | light gray / light grey | (211,211,211) |
|  | silver | (192,192,192) |
|  | dark gray / dark grey | (169,169,169) |
|  | gray / grey | (128,128,128) |
|  | dark slate gray | (47,79,79) |
|  | dim gray / dim grey | (105,105,105) |
|  | black | (0,0,0) |

Structures can be displayed using different colours in the 2D (Axial) and 3D (BEV/Model) views. However in most cases they will use the same colour

In 2D image views, structures are graphically represented as a **Contour** (wire outline) or **Segment** (outline plus light shading). In 3D image views they can be rendered, as a **Contour** (Series of wire planes in Model view), **Segment** (Solid volume) or **Translucent** (Transparent volume ranging from fully opaque to invisible). For surface models, different levels of transparency can be configured, which can be useful in viewing several overlapping structures in the Model view. You can display the innermost of these structures as a solid surface, and increase the level of transparency for the structures overlapping it.

I recommend the following rendering strategy:

For OARs, use **Contour** rendering in 2D and **Translucent ¼** **opacity** in3D.

For target structures, use **Contour** rendering in 2D and **Translucent** in3D. Set the opacity to **Solid** for GTVs, **¾ opacity** for CTVs and **½ opacity** for PTVs.

For OPT and PRV structures, use Segment rendering in 2D and **0** **opacity** in3D. For OPT and PRV structures, consider using similar colors to the structure that they are derived from.

DVH Visualization—You can select the line color, style and width to be used in DVH visualization.

|  |  |  |
| --- | --- | --- |
| **Style** | **Axial** | **3D / BEV** |
| **Contour:**  Wire outline of structure | Machine generated alternative text: . . . . . | Machine generated alternative text: |
| **Segment**  Shaded filling of structure | Machine generated alternative text: — . | Machine generated alternative text: |
| **Translucent**  Semi-Transparent structure   |  |  |  | | --- | --- | --- | | Machine generated alternative text: MUREF X.,’ r | Machine generated alternative text: | Machine generated alternative text: | | Machine generated alternative text: Transparency Translucent Solid | Machine generated alternative text: Transparency Translucent Solid | Machine generated alternative text: Transparency —û Translucent Solid | | **Max Translucent (not visible)** | **Mid point** | **Max Solid** | | | |