

Converting Colors

CIELCh(63, 22.775, 261.679)

Have a look what the booklet for
CIELCh(63, 22.775, 261.679)
contains.

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Color

CIELCh(63, 22.775, 261.679)

Conversions

Conversions Part 1

Format	Color
Hex	789CC0
RGB	120, 156, 192
RGB Percent	47%, 61%, 75%
CMY	0.5293, 0.3881, 0.2470
CMYK	0.37, 0.19, 0.00, 0.25
HSL	210°, 36%, 61%
HSV	210°, 37%, 75%
XYZ	29.1590, 31.5869, 54.4436
YIQ	149.3400, -33.0120, 3.5640

Conversions

Conversions Part 2

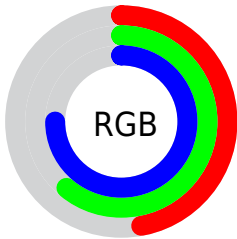
Format	Color
R _Y B	120, 144, 192
Decimal	7904448
CIE Lab	63.00, -3.30, -22.54
CIE LCh	63, 22.775, 261.679
Yxy	31.5869, 0.2531, 0.2742
Android (android.graphics.Color)	4286094528 (0xFF789CC0)
YUV	149.3400, 21.0314, -25.7312
Hunter-Lab	56.2022, -5.7439, -18.0932

Details

The CIELCh color `63, 22.775, 261.679` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `67, 25.309, 70.777`, and the grayscale version is `62, 0.008, 296.813`.

A 20% lighter version of the original color is `83, 22.740, 261.634`, and `43, 22.511, 261.370` is the 20% darker color. If you saturate the color by 10%, you get `59, 28.611, 264.142`, and if you desaturate by 10%, it is `67, 16.822, 259.607`.

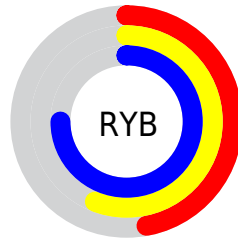
Distribution



Red (47%)

Green (61%)

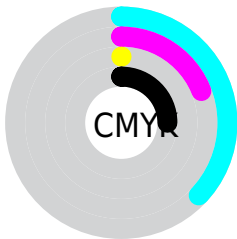
Blue (75%)



Red (47%)

Yellow (56%)

Blue (75%)

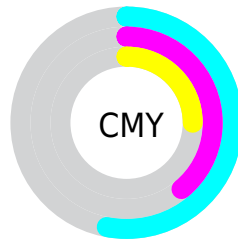


Cyan (37%)

Magenta (19%)

Yellow (0%)

Black (25%)



Cyan (53%)


Magenta (39%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 22.775, 261.679 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 63, 22.775, 261.679 by changing the saturation by 10% instead.


 63, 22.775,
261.679


 63, 22.775,
261.679


 100, 22.775,
261.679


 53, 22.775,
261.679


 83, 22.775,
261.679

 43, 22.775,
261.679

 93, 22.775,
261.679

 33, 22.775,
261.679

 23, 22.775,
261.679

 13, 22.775,
261.679

 3, 22.775, 261.679

 0, 22.775, 261.679

63, 22.775,
261.679

63, 22.775,
261.679

59, 28.611,
264.142

67, 16.822,
259.607

56, 34.332,
267.055

71, 10.769,
257.873

52, 39.962,
270.454

75, 4.638, 256.446

49, 45.559,
274.337

79, 1.547, 74.892

83, 7.763, 74.015

45, 51.207,
278.629

87, 13.988, 73.123

42, 57.005,
283.132

91, 20.205, 72.342

93, 22.649, 86.395

41, 58.502,
284.202

96, 26.115, 97.538

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



63, 22.775, 261.679



67, 25.309, 70.777

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63, 22.775, 261.679



63, 22.775, 311.679



63, 22.775, 81.679



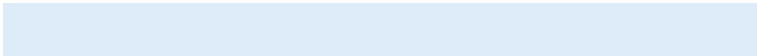
63, 22.775, 131.679

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



63, 22.774, 261.678



93, 8.415, 256.934



72, 32.534, 160.032



49, 5.649, 257.127



99, 0.012, 296.813



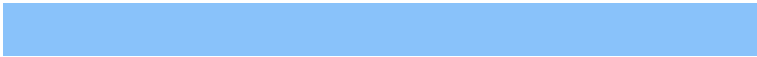
52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63, 22.774, 261.678



76, 33.626, 263.674



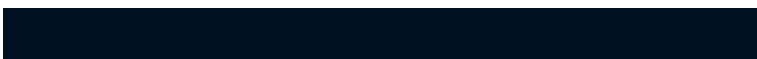
53, 41.637, 295.065



39, 3.531, 256.689



35, 50.588, 283.550



5, 12.822, 269.403

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



59, 34.022, 347.289



71, 50.324, 348.359



76, 37.874, 106.594



38, 5.091, 344.382



34, 60.043, 1.503



3, 15.831, 352.334

Previews

White Background



This preview shows how the CIELCh color 63, 22.775, 261.679 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 63, 22.775, 261.679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

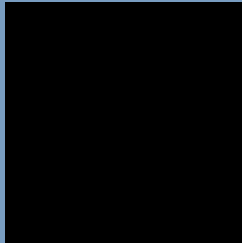
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

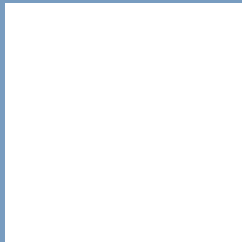
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 22.775, 261.679

Background



This preview shows how black text looks on a background with the CIELCh color 63, 22.775, 261.679.



This preview shows how white text looks on a background with the CIELCh color 63, 22.775, 261.679.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


63, 22.775, 261.679

Protanopia

63, 21.358, 286.034

Deuteranopia

63, 24.656, 289.671



Tritanopia
63, 16.342, 224.890

Trichromacy



Original Color
63, 22.775, 261.679

Protanomaly
63, 21.295, 276.856

Deuteranomaly
63, 23.368, 279.479

Tritanomaly
63, 17.645, 240.567

Monochromacy



Original Color
63, 22.775, 261.679

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 8.773, 255.604

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 22.775, 261.679 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(120, 156, 192)` looks like.

```
.text, #text, p{  
    color:rgb(120, 156, 192)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(120, 156, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 156, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 22.775, 261.679 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(120, 156, 192) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(120, 156, 192) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(120, 156, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 156, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 156, 192);  
box-shadow:4px 4px 4px 4px rgb(120, 156,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 22.775, 261.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 156, 192) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(120,  
156, 192) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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