

Converting Colors

CIELCh(63, 30.279, 259.200)

Have a look what the booklet for
CIELCh(63, 30.279, 259.200)
contains.

CIELCh(63, 30.334, 259.435)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(63, 30.334, 259.435)

Conversions

Conversions Part 1

Format	Color
Hex	659ECD
RGB	101, 158, 205
RGB Percent	40%, 62%, 80%
CMY	0.6043, 0.3807, 0.1964
CMYK	0.51, 0.23, 0.00, 0.20
HSL	207°, 51%, 60%
HSV	207°, 51%, 80%
XYZ	28.5752, 31.5869, 62.2879
YIQ	146.3150, -49.0590, 2.5330

Conversions

Conversions Part 2

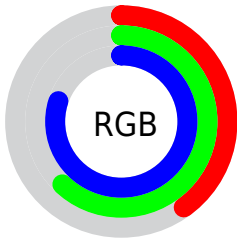
Format	Color
RYB	101, 138, 205
Decimal	6659789
CIELab	63.00, -5.56, -29.82
CIELCh	63, 30.334, 259.435
Yxy	31.5869, 0.2334, 0.2580
Android (android.graphics.Color)	4284849869 (0xFF659ECD)
YUV	146.3150, 28.9317, -39.7413
Hunter-Lab	56.2022, -7.5982, -26.3684

Details

The CIELCh color **63, 30.334, 259.435** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **66, 36.885, 64.247**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 27.337, 253.513**, and **43, 30.497, 259.452** is the 20% darker color. If you saturate the color by 10%, you get **59, 35.718, 262.524**, and if you desaturate by 10%, it is **67, 24.732, 256.843**.

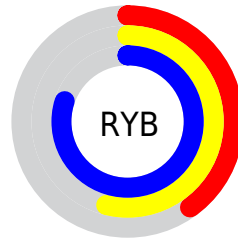
Distribution



Red (40%)

Green (62%)

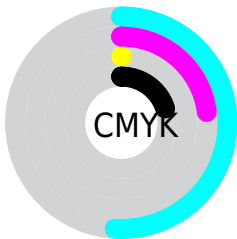
Blue (80%)



Red (40%)

Yellow (54%)

Blue (80%)

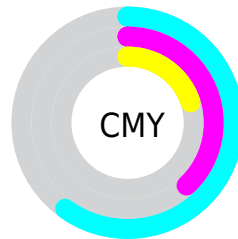


Cyan (51%)

Magenta (23%)

Yellow (0%)

Black (20%)



Cyan (60%)

Magenta (38%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 30.334, 259.435 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, 30.334, 259.435 by changing the saturation by 10% instead.

■ 63, 30.334,
259.435

■ 63, 30.334,
259.435

■ 100, 30.334,
259.435

■ 53, 30.334,
259.435

■ 83, 30.334,
259.435

■ 43, 30.334,
259.435

■ 93, 30.334,
259.435

■ 33, 30.334,
259.435

■ 23, 30.334,
259.435

■ 13, 30.334,
259.435

■ 3, 30.334, 259.435

■ 0, 30.334, 259.435

63, 30.334,
259.435

63, 30.334,
259.435

59, 35.718,
262.524

67, 24.732,
256.843

56, 40.915,
266.153

70, 18.919,
254.686

53, 45.998,
270.312

74, 12.918,
252.898

50, 51.076,
274.912

78, 6.761, 251.430

47, 55.906,
279.288

82, 0.484, 250.969

86, 5.879, 68.991

90, 12.298, 68.134

93, 16.431, 77.141

95, 19.258, 93.108

Harmonies

Complementary

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



63, 30.334, 259.435



66, 36.885, 64.247

Rectangle

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



63, 30.334, 259.435



63, 30.334, 309.435



63, 30.334, 79.435



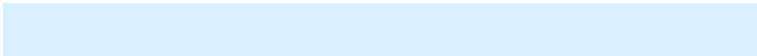
63, 30.334, 129.435

Sweetspot

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



63, 30.333, 259.435



93, 11.214, 252.043



75, 47.433, 155.815



49, 7.634, 252.360



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 30.333, 259.435



73, 42.755, 262.871



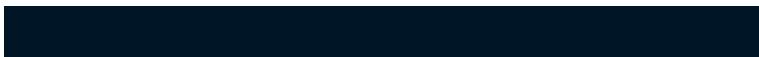
49, 57.811, 295.784



41, 3.558, 251.255



38, 47.094, 278.501



6, 14.255, 266.428

Inverse Universe

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



57, 49.240, 346.228



65, 68.691, 347.896



79, 50.832, 103.020



40, 5.488, 341.850



36, 62.150, 357.176



4, 20.445, 350.486

Previews

White Background



This preview shows how the CIELCh color 63, 30.334, 259.435 looks on a white background.

Color Contrast Check

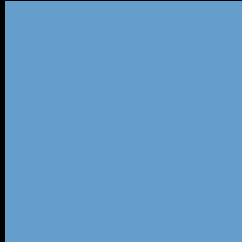
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 63, 30.334, 259.435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

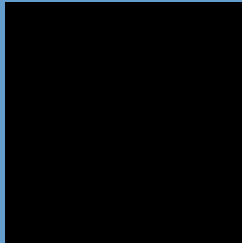
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 30.334, 259.435

Background



This preview shows how black text looks on a background with the CIELCh color 63, 30.334, 259.435.

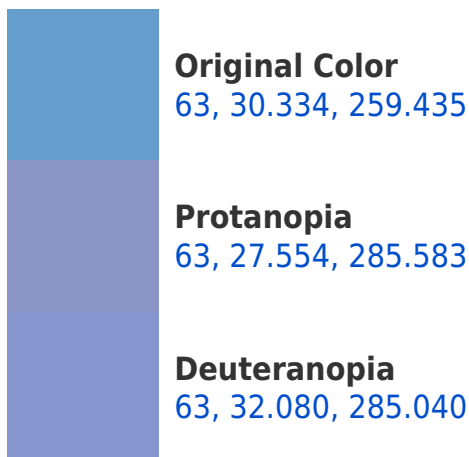


This preview shows how white text looks on a background with the CIELCh color 63, 30.334, 259.435.

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





Tritanopia
63, 23.427, 215.884

Trichromacy



Original Color
63, 30.334, 259.435

Protanomaly
63, 27.912, 274.538

Deuteranomaly
63, 30.662, 275.685

Tritanomaly
63, 24.287, 235.167

Monochromacy



Original Color
63, 30.334, 259.435

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 11.729, 253.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 30.334, 259.435 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(101, 158, 205)` looks like.

```
.text, #text, p{  
    color:rgb(101, 158, 205)  
}
```

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(101, 158, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 158, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 30.334, 259.435 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(101, 158, 205) }
```

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

```
.border{ border-color:rgb(101, 158, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 158, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 158, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 158, 205);  
box-shadow:4px 4px 4px 4px rgb(101, 158,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 30.334, 259.435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 158, 205) }
```

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

```
.background{ background-color: rgb(101,  
158, 205) }
```

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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