

Converting Colors

CIELCh(63, 24.129, 218.647)

Have a look what the booklet for
CIELCh(63, 24.129, 218.647)
contains.

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Color

CIELCh(63, 24.048, 218.248)

Conversions

Conversions Part 1

Format	Color
Hex	59A3B2
RGB	89, 163, 178
RGB Percent	35%, 64%, 70%
CMY	0.6505, 0.3603, 0.3015
CMYK	0.50, 0.08, 0.00, 0.30
HSL	190°, 37%, 52%
HSV	190°, 50%, 70%
XYZ	25.2990, 31.5869, 46.9476
YIQ	142.5840, -48.9190, -11.0230

Conversions

Conversions Part 2

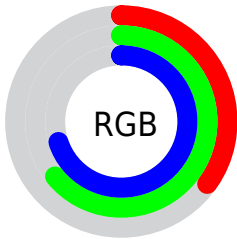
Format	Color
R _Y B	89, 129, 178
Decimal	5874610
CIE Lab	63.00, -18.89, -14.89
CIE LCh	63, 24.048, 218.248
Yxy	31.5869, 0.2436, 0.3042
Android (android.graphics.Color)	4284064690 (0xFF59A3B2)
YUV	142.5840, 17.4601, -46.9932
Hunter-Lab	56.2022, -18.0035, -10.1854

Details

The CIELCh color **63, 24.048, 218.248** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **52, 35.140, 37.147**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 23.992, 218.792**, and **43, 23.996, 217.884** is the 20% darker color. If you saturate the color by 10%, you get **61, 27.249, 219.437**, and if you desaturate by 10%, it is **65, 20.200, 217.370**.

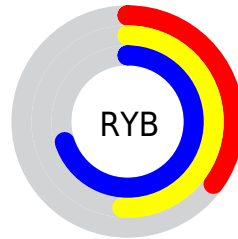
Distribution



Red (35%)

Green (64%)

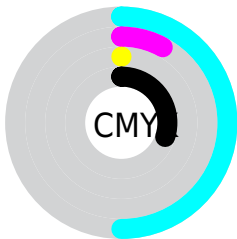
Blue (70%)



Red (35%)

Yellow (51%)

Blue (70%)

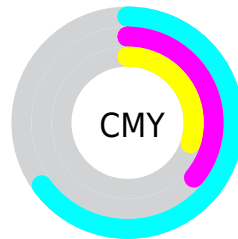


Cyan (50%)

Magenta (8%)

Yellow (0%)

Black (30%)



Cyan (65%)

Magenta (36%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 24.048, 218.248 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, 24.048, 218.248 by changing the saturation by 10% instead.


 63, 24.048,
218.248

 63, 24.048,
218.248


 100, 24.048,
218.248


 53, 24.048,
218.248


 83, 24.048,
218.248

 43, 24.048,
218.248

 93, 24.048,
218.248

 33, 24.048,
218.248

 23, 24.048,
218.248

 13, 24.048,
218.248

 3, 24.048, 218.248

 0, 24.048, 218.248

63, 24.048,
218.248

63, 24.048,
218.248

61, 27.249,
219.437

65, 20.200,
217.370

60, 29.749,
221.010

67, 15.782,
216.750

59, 31.533,
223.037

68, 10.883,
216.340

58, 32.639,
225.582

70, 5.588, 216.120

57, 33.265,
228.582

73, 0.023, 13.212

75, 5.872, 35.766

57, 33.268,
228.594

77, 11.902, 35.844

80, 18.062, 35.950

82, 24.309, 36.091

Harmonies

Complementary

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



63, 24.048, 218.248



52, 35.140, 37.147

Rectangle

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



63, 24.048, 218.248



63, 24.048, 268.248



63, 24.048, 38.248



63, 24.048, 88.248

Sweetspot

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



63, 24.048, 218.246



88, 10.283, 216.212



66, 52.190, 145.065



47, 7.030, 216.264



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



63, 24.048, 218.246



78, 33.581, 219.587



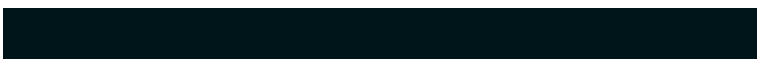
50, 35.317, 280.125



37, 3.188, 216.114



49, 29.737, 228.160



6, 7.594, 224.234

Inverse Universe

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



51, 51.930, 332.596



61, 74.917, 333.337



63, 35.481, 84.583



35, 6.008, 329.984



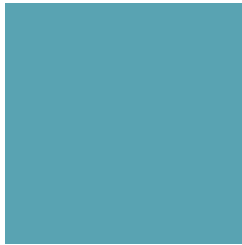
35, 69.332, 336.163



2, 13.725, 332.016

Previews

White Background



This preview shows how the CIELCh color 63, 24.048, 218.248 looks on a white background.

Color Contrast Check

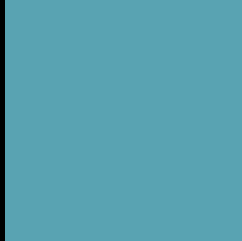
Large Text (above 18pt) WCAG AA × Fail

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, 24.048, 218.248 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, 24.048, 218.248

Background



This preview shows how black text looks on a background with the CIELCh color 63, 24.048, 218.248.

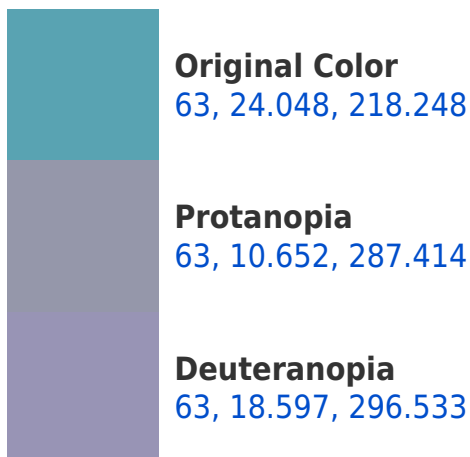


This preview shows how white text looks on a background with the CIELCh color 63, 24.048, 218.248.

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, 23.960, 216.873

Trichromacy



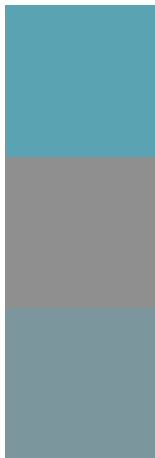
Original Color
63, 24.048, 218.248

Protanomaly
62, 13.750, 246.267

Deuteranomaly
62, 16.937, 262.915

Tritanomaly
63, 23.960, 216.873

Monochromacy



Original Color
63, 24.048, 218.248

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 10.239, 218.006

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 24.048, 218.248 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(89, 163, 178)` looks like.

```
.text, #text, p{  
    color:rgb(89, 163, 178)  
}
```

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(89, 163, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 163, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 24.048, 218.248 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(89, 163, 178) }
```

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

```
.border{ border-color:rgb(89, 163, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 163, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 163, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 163, 178);  
box-shadow:4px 4px 4px 4px rgb(89, 163,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 24.048, 218.248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 163, 178) }
```

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

```
.background{ background-color: rgb(89, 163,  
178) }
```

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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