

Converting Colors

CIELCh(63, 23.793, 246.174)

Have a look what the booklet for
CIELCh(63, 23.793, 246.174)
contains.

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Color

CIELCh(63, 24.086, 246.865)

Conversions

Conversions Part 1

Format	Color
Hex	689FBF
RGB	104, 159, 191
RGB Percent	41%, 62%, 75%
CMY	0.5914, 0.3757, 0.2502
CMYK	0.46, 0.17, 0.00, 0.25
HSL	202°, 41%, 58%
HSV	202°, 46%, 75%
XYZ	27.5883, 31.5869, 54.0472
YIQ	146.2030, -43.0520, -1.7080

Conversions

Conversions Part 2

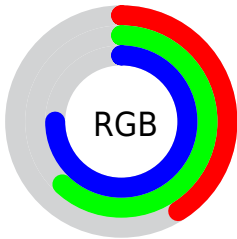
Format	Color
RYB	104, 138, 191
Decimal	6856639
CIELab	63.00, -9.46, -22.15
CIELCh	63, 24.086, 246.865
Yxy	31.5869, 0.2437, 0.2790
Android (android.graphics.Color)	4285046719 (0xFF689FBF)
YUV	146.2030, 22.0849, -37.0120
Hunter-Lab	56.2022, -10.7328, -17.6750

Details

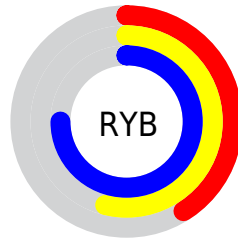
The CIELCh color **63, 24.086, 246.865** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **61, 30.721, 56.129**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 23.887, 245.859**, and **43, 23.780, 245.779** is the 20% darker color. If you saturate the color by 10%, you get **60, 28.523, 249.443**, and if you desaturate by 10%, it is **66, 19.288, 244.762**.

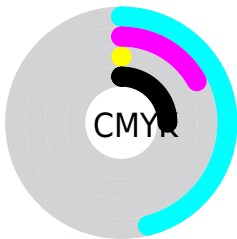
Distribution



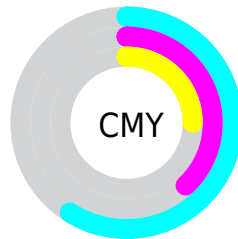
- Red (41%)
- Green (62%)
- Blue (75%)



- Red (41%)
- Yellow (54%)
- Blue (75%)



- Cyan (46%)
- Magenta (17%)
- Yellow (0%)
- Black (25%)



- Cyan (59%)
- Magenta (38%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 24.086, 246.865 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, 24.086, 246.865 by changing the saturation by 10% instead.

■ 63, 24.086,
246.865

■ 63, 24.086,
246.865

■ 100, 24.086,
246.865

■ 53, 24.086,
246.865

■ 83, 24.086,
246.865

■ 43, 24.086,
246.865

■ 93, 24.086,
246.865

■ 33, 24.086,
246.865

■ 23, 24.086,
246.865

■ 13, 24.086,
246.865

■ 3, 24.086, 246.865

■ 0, 24.086, 246.865

63, 24.086,
246.865

63, 24.086,
246.865

60, 28.523,
249.443

66, 19.288,
244.762

57, 32.588,
252.578

69, 14.169,
243.058

55, 36.304,
256.327

72, 8.779, 241.687

52, 39.751,
260.697

76, 3.169, 240.645

79, 2.614, 59.404

50, 43.063,
265.599

82, 8.525, 58.761

49, 44.593,
267.800

86, 14.529, 58.152

89, 19.920, 59.103

91, 20.569, 71.286

Harmonies

Complementary

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



63, 24.086, 246.865



61, 30.721, 56.129

Rectangle

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



63, 24.086, 246.865



63, 24.086, 296.865



63, 24.086, 66.865



63, 24.086, 116.865

Sweetspot

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



63, 24.085, 246.864



92, 9.794, 241.533



71, 43.432, 152.827



48, 6.791, 241.798



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, 24.085, 246.864



76, 34.800, 249.547



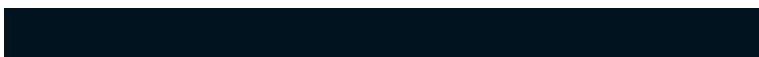
51, 43.924, 291.063



38, 3.208, 240.995



41, 38.352, 266.997



5, 10.165, 254.809

Inverse Universe

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



56, 44.272, 341.007



66, 64.583, 342.167



73, 40.313, 99.128



37, 5.458, 337.807



34, 62.227, 349.833



3, 15.222, 343.769

Previews

White Background



This preview shows how the CIELCh color 63, 24.086, 246.865 looks on a white background.

Color Contrast Check

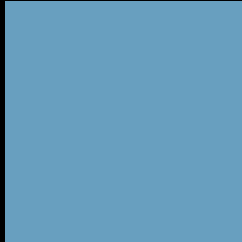
Large Text (above 18pt) WCAG AA × Fail

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, 24.086, 246.865 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

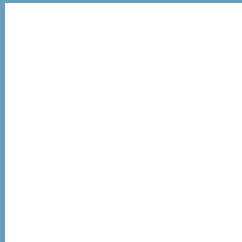
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 24.086, 246.865

Background



This preview shows how black text looks on a background with the CIELCh color 63, 24.086, 246.865.

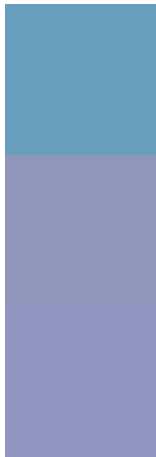


This preview shows how white text looks on a background with the CIELCh color 63, 24.086, 246.865.

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, 24.086, 246.865

Protanopia
63, 19.666, 286.239

Deuteranopia
63, 24.656, 289.671



Tritanopia
63, 21.271, 217.981

Trichromacy



Original Color
63, 24.086, 246.865

Protanomaly
63, 20.262, 269.912

Deuteranomaly
63, 22.824, 273.134

Tritanomaly
63, 21.655, 229.402

Monochromacy



Original Color
63, 24.086, 246.865

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 9.370, 240.423

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 24.086, 246.865 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(104, 159, 191)` looks like.

```
.text, #text, p{  
    color:rgb(104, 159, 191)  
}
```

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(104, 159, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 159, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 24.086, 246.865 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(104, 159, 191) }
```

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

```
.border{ border-color:rgb(104, 159, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 159, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 159, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 159, 191);  
box-shadow:4px 4px 4px 4px rgb(104, 159,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 24.086, 246.865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 159, 191) }
```

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

```
.background{ background-color: rgb(104,  
159, 191) }
```

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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