

Converting Colors

CIELCh(64, 23.988, 250.784)

Have a look what the booklet for
CIELCh(64, 23.988, 250.784)
contains.

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Color

CIELCh(64, 24.127, 250.831)

Conversions

Conversions Part 1

Format	Color
Hex	6EA1C3
RGB	110, 161, 195
RGB Percent	43%, 63%, 76%
CMY	0.5681, 0.3681, 0.2348
CMYK	0.44, 0.17, 0.00, 0.23
HSL	204°, 42%, 60%
HSV	204°, 44%, 77%
XYZ	29.0772, 32.8017, 56.5044
YIQ	149.6270, -41.3100, -0.2380

Conversions

Conversions Part 2

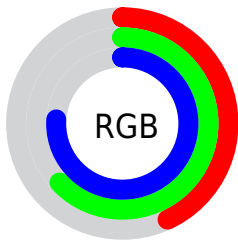
Format	Color
R _Y B	110, 142, 195
Decimal	7250371
CIE Lab	64.00, -7.92, -22.79
CIE LCh	64, 24.127, 250.831
Yxy	32.8017, 0.2456, 0.2771
Android (android.graphics.Color)	4285440451 (0xFF6EA1C3)
YUV	149.6270, 22.3689, -34.7529
Hunter-Lab	57.2727, -9.6035, -18.4037

Details

The CIELCh color **64, 24.127, 250.831** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **64, 29.667, 59.642**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 24.204, 250.771**, and **44, 23.977, 249.551** is the 20% darker color. If you saturate the color by 10%, you get **61, 28.968, 253.433**, and if you desaturate by 10%, it is **67, 18.983, 248.690**.

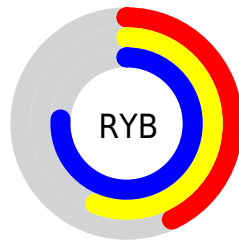
Distribution



Red (43%)

Green (63%)

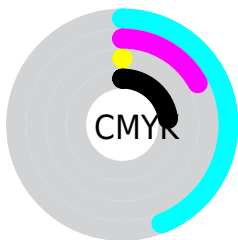
Blue (76%)



Red (43%)

Yellow (56%)

Blue (76%)

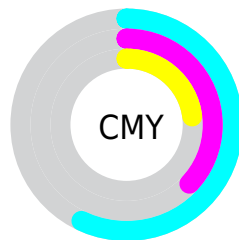


Cyan (44%)

Magenta (17%)

Yellow (0%)

Black (23%)



Cyan (57%)


Magenta (37%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 24.127, 250.831 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 64, 24.127, 250.831 by changing the saturation by 10% instead.

 64, 24.127,
250.831


 64, 24.127,
250.831


 100, 24.127,
250.831


 54, 24.127,
250.831


 84, 24.127,
250.831

 44, 24.127,
250.831

 94, 24.127,
250.831

 34, 24.127,
250.831

 24, 24.127,
250.831

 14, 24.127,
250.831

 4, 24.127, 250.831

 0, 24.127, 250.831

64, 24.127,
250.831

64, 24.127,
250.831

61, 28.968,
253.433

67, 18.983,
248.690

58, 33.497,
256.571

71, 13.571,
246.939

55, 37.741,
260.295

74, 7.933, 245.516

78, 2.113, 244.476

52, 41.774,
264.605

81, 3.844, 63.169

49, 45.721,
269.413

85, 9.903, 62.416

48, 48.323,
272.560

88, 16.029, 61.742

91, 19.087, 69.820

93, 20.750, 82.833

Harmonies

Complementary

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



64, 24.127, 250.831



64, 29.667, 59.642

Rectangle

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



64, 24.127, 250.831



64, 24.127, 300.831



64, 24.127, 70.831



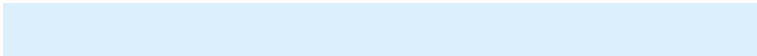
64, 24.127, 120.831

Sweetspot

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



64, 24.126, 250.830



94, 9.378, 245.470



73, 41.244, 154.497



49, 6.594, 245.761



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 24.126, 250.830



78, 34.730, 253.218



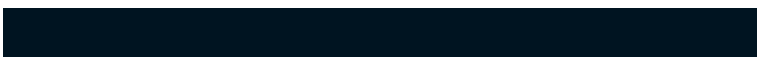
52, 44.331, 292.195



39, 3.317, 245.012



40, 41.360, 271.769



5, 11.520, 259.312

Inverse Universe

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



57, 42.333, 342.460



69, 61.341, 343.541



75, 40.486, 101.182



38, 5.454, 339.297



35, 61.977, 352.539



3, 16.867, 346.266

Previews

White Background



This preview shows how the CIE LCh color 64, 24.127, 250.831 looks on a white background.

Color Contrast Check

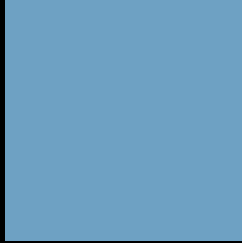
Large Text (above 18pt) WCAG AA × Fail

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 64, 24.127, 250.831 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 64, 24.127, 250.831

Background



This preview shows how black text looks on a background with the CIELCh color 64, 24.127, 250.831.

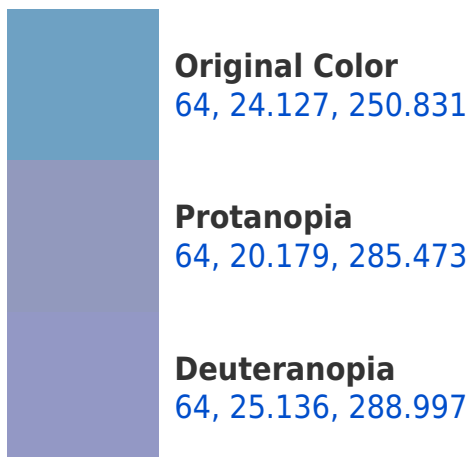


This preview shows how white text looks on a background with the CIELCh color 64, 24.127, 250.831.

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](#).

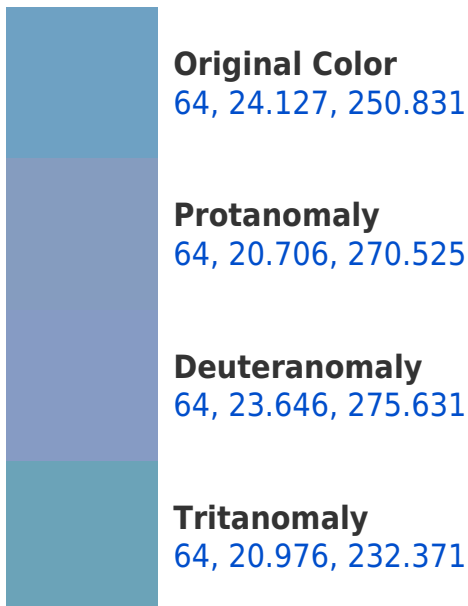
Dichromacy



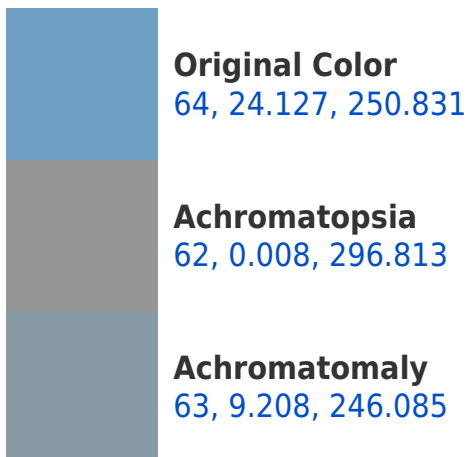


Tritanopia
64, 20.267, 219.058

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 24.127, 250.831 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(110, 161, 195)` looks like.

```
.text, #text, p{  
    color:rgb(110, 161, 195)  
}
```

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(110, 161, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 161, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 24.127, 250.831 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(110, 161, 195) }
```

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

```
.border{ border-color:rgb(110, 161, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 161, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 161, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 161, 195);  
box-shadow:4px 4px 4px 4px rgb(110, 161,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 24.127, 250.831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 161, 195) }
```

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

```
.background{ background-color: rgb(110,  
161, 195) }
```

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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