

Converting Colors

CIELCh(64, 23.822, 244.955)

Have a look what the booklet for
CIELCh(64, 23.822, 244.955)
contains.

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Color

CIELCh(64, 23.892, 245.143)

Conversions

Conversions Part 1

Format	Color
Hex	6AA2C1
RGB	106, 162, 193
RGB Percent	42%, 64%, 76%
CMY	0.5839, 0.3643, 0.2427
CMYK	0.45, 0.16, 0.00, 0.24
HSL	201°, 41%, 59%
HSV	201°, 45%, 76%
XYZ	28.5315, 32.8017, 55.3411
YIQ	148.7900, -43.3270, -2.2310

Conversions

Conversions Part 2

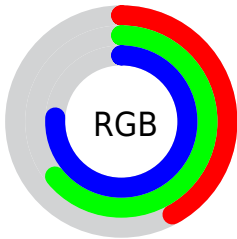
Format	Color
R _Y B	106, 140, 193
Decimal	6988481
CIE Lab	64.00, -10.04, -21.68
CIE LCh	64, 23.892, 245.143
Yxy	32.8017, 0.2445, 0.2811
Android (android.graphics.Color)	4285178561 (0xFF6AA2C1)
YUV	148.7900, 21.7955, -37.5268
Hunter-Lab	57.2727, -11.3042, -17.1994

Details

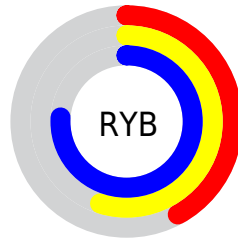
The CIELCh color **64, 23.892, 245.143** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **62, 30.666, 54.962**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 24.045, 245.287**, and **44, 23.797, 245.531** is the 20% darker color. If you saturate the color by 10%, you get **61, 28.294, 247.650**, and if you desaturate by 10%, it is **67, 19.106, 243.107**.

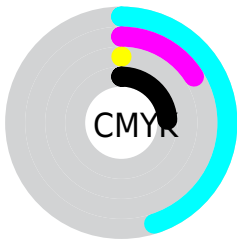
Distribution



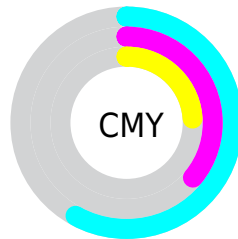
- Red (42%)
- Green (64%)
- Blue (76%)



- Red (42%)
- Yellow (55%)
- Blue (76%)



- Cyan (45%)
- Magenta (16%)
- Yellow (0%)
- Black (24%)





- Cyan (58%)
- Magenta (36%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 23.892, 245.143 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, 23.892, 245.143 by changing the saturation by 10% instead.

 64, 23.892,
245.143


 64, 23.892,
245.143


 100, 23.892,
245.143


 54, 23.892,
245.143


 84, 23.892,
245.143

 44, 23.892,
245.143

 94, 23.892,
245.143

 34, 23.892,
245.143

 24, 23.892,
245.143

 14, 23.892,
245.143

 4, 23.892, 245.143

 0, 23.892, 245.143

64, 23.892,
245.143

64, 23.892,
245.143

61, 28.294,
247.650

67, 19.106,
243.107

58, 32.296,
250.713

70, 13.982,
241.465

56, 35.916,
254.395

73, 8.571, 240.150

53, 39.230,
258.714

76, 2.928, 239.172

80, 2.896, 57.974

51, 42.370,
263.596

83, 8.855, 57.361

50, 43.956,
266.036

86, 14.913, 56.789

89, 19.291, 60.103

91, 20.010, 72.344

Harmonies

Complementary

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



64, 23.892, 245.143



62, 30.666, 54.962

Rectangle

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



64, 23.892, 245.143



64, 23.892, 295.143



64, 23.892, 65.143



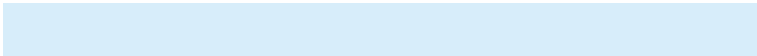
64, 23.892, 115.143

Sweetspot

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



64, 23.891, 245.141



93, 9.843, 240.054



72, 43.960, 152.190



49, 6.767, 240.309



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



64, 23.891, 245.141



78, 34.240, 247.592



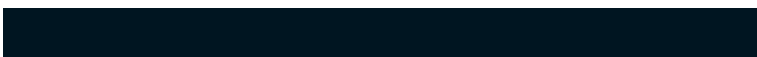
52, 42.926, 290.173



39, 3.270, 239.540



42, 38.004, 265.266



6, 11.041, 253.673

Inverse Universe

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



56, 44.541, 340.387



67, 64.560, 341.443



73, 39.662, 98.202



38, 5.625, 337.292



35, 63.334, 348.944



3, 17.429, 343.609

Previews

White Background



This preview shows how the CIELCh color 64, 23.892, 245.143 looks on a white background.

Color Contrast Check

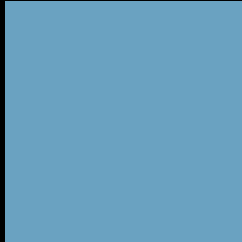
Large Text (above 18pt) WCAG AA × Fail

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 64, 23.892, 245.143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

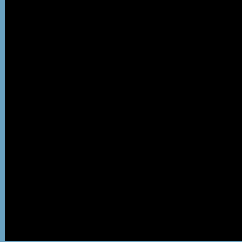
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 23.892, 245.143

Background



This preview shows how black text looks on a background with the CIELCh color 64, 23.892, 245.143.



This preview shows how white text looks on a background with the CIELCh color 64, 23.892, 245.143.

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, 21.273, 217.924

Trichromacy



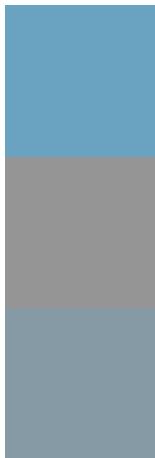
Original Color
64, 23.892, 245.143

Protanomaly
64, 19.811, 268.227

Deuteranomaly
64, 22.238, 272.452

Tritanomaly
64, 21.678, 227.503

Monochromacy



Original Color
64, 23.892, 245.143

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 9.605, 239.006

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 23.892, 245.143 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(106, 162, 193)` looks like.

```
.text, #text, p{  
    color:rgb(106, 162, 193)  
}
```

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(106, 162, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 162, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 23.892, 245.143 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(106, 162, 193) }
```

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

```
.border{ border-color:rgb(106, 162, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 162, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 162, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 162, 193);  
box-shadow:4px 4px 4px 4px rgb(106, 162,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 23.892, 245.143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 162, 193) }
```

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

```
.background{ background-color: rgb(106,  
162, 193) }
```

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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