

Converting Colors

CIELCh(62, 19.914, 243.104)

Have a look what the booklet for
CIELCh(62, 19.914, 243.104)
contains.

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Color

CIELCh(62, 20.028, 243.279)

Conversions

Conversions Part 1

Format	Color
Hex	6E9CB5
RGB	110, 156, 181
RGB Percent	43%, 61%, 71%
CMY	0.5688, 0.3885, 0.2904
CMYK	0.39, 0.14, 0.00, 0.29
HSL	201°, 32%, 57%
HSV	201°, 39%, 71%
XYZ	26.6363, 30.4025, 48.1487
YIQ	145.0960, -35.4410, -1.9770

Conversions

Conversions Part 2

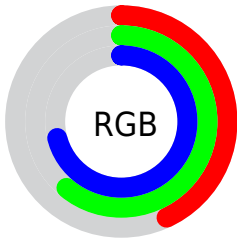
Format	Color
R _Y B	110, 138, 181
Decimal	7249077
CIE Lab	62.00, -9.01, -17.89
CIE LCh	62, 20.028, 243.279
Yxy	30.4025, 0.2532, 0.2890
Android (android.graphics.Color)	4285439157 (0xFF6E9CB5)
YUV	145.0960, 17.7007, -30.7792
Hunter-Lab	55.1385, -10.2626, -13.1770

Details

The CIELCh color **62, 20.028, 243.279** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **60, 24.809, 54.912**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 20.145, 244.253**, and **42, 19.870, 242.954** is the 20% darker color. If you saturate the color by 10%, you get **59, 24.400, 245.460**, and if you desaturate by 10%, it is **65, 15.309, 241.513**.

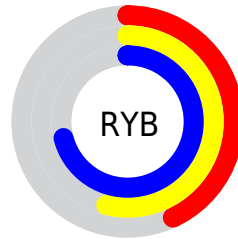
Distribution



Red (43%)

Green (61%)

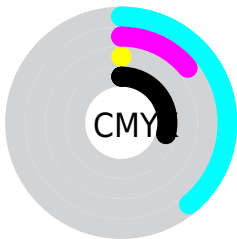
Blue (71%)



Red (43%)

Yellow (54%)

Blue (71%)

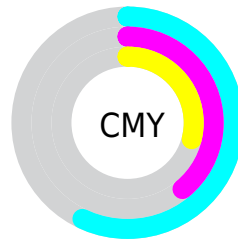


Cyan (39%)

Magenta (14%)

Yellow (0%)

Black (29%)



Cyan (57%)

Magenta (39%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 20.028, 243.279 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 62, 20.028, 243.279 by changing the saturation by 10% instead.

■ 62, 20.028,
243.279

■ 62, 20.028,
243.279

■ 100, 20.028,
243.279

■ 52, 20.028,
243.279

■ 82, 20.028,
243.279

■ 42, 20.028,
243.279

■ 92, 20.028,
243.279

■ 32, 20.028,
243.279

■ 22, 20.028,
243.279

■ 12, 20.028,
243.279

■ 2, 20.028, 243.279

■ 0, 20.028, 243.279

62, 20.028,
243.279

62, 20.028,
243.279

59, 24.400,
245.460

65, 15.309,
241.513

57, 28.394,
248.145

68, 10.295,
240.095

54, 32.002,
251.409

71, 5.036, 238.982

52, 35.261,
255.303

74, 0.417, 56.894

77, 6.018, 57.115

49, 38.261,
259.819

80, 11.728, 56.522

47, 41.183,
264.735

83, 17.514, 56.017

87, 23.350, 55.594

47, 41.415,
265.096

88, 23.653, 64.991

Harmonies

Complementary

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



62, 20.028, 243.279



60, 24.809, 54.912

Rectangle

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



62, 20.028, 243.279



62, 20.028, 293.279



62, 20.028, 63.279



62, 20.028, 113.279

Sweetspot

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



62, 20.027, 243.277



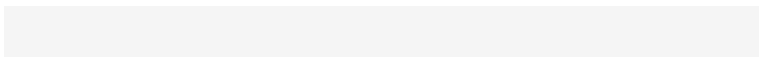
88, 8.037, 239.279



68, 36.546, 152.906



46, 5.314, 239.416



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



62, 20.027, 243.277



76, 28.896, 245.114



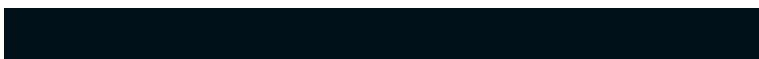
52, 35.072, 288.955



36, 3.053, 238.989



40, 36.283, 264.355



4, 7.814, 251.079

Inverse Universe

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



55, 37.135, 339.593



67, 54.363, 340.433



69, 32.871, 98.889



35, 5.271, 337.095



33, 61.294, 348.495



2, 11.708, 341.615

Previews

White Background



This preview shows how the CIELCh color 62, 20.028, 243.279 looks on a white background.

Color Contrast Check

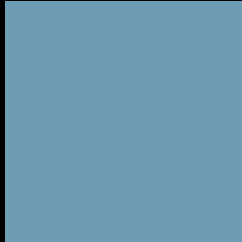
Large Text (above 18pt) WCAG AA × Fail

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 62, 20.028, 243.279 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

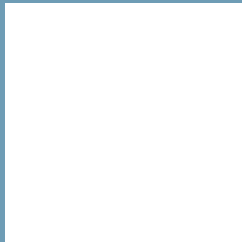
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 20.028, 243.279

Background



This preview shows how black text looks on a background with the CIELCh color 62, 20.028, 243.279.

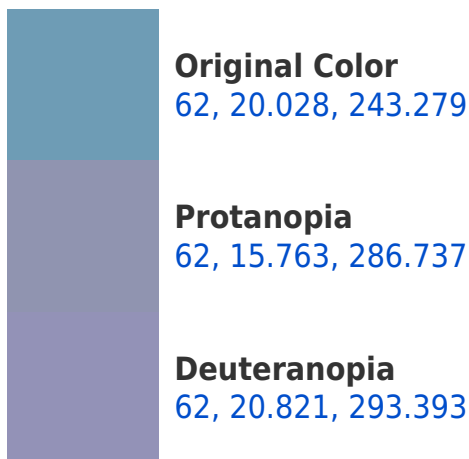


This preview shows how white text looks on a background with the CIELCh color 62, 20.028, 243.279.

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
62, 18.073, 220.101

Trichromacy



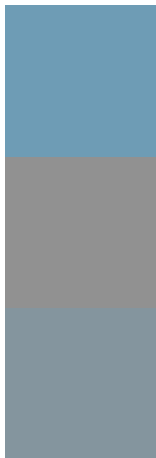
Original Color
62, 20.028, 243.279

Protanomaly
62, 16.306, 268.131

Deuteranomaly
62, 18.605, 275.034

Tritanomaly
62, 18.452, 229.585

Monochromacy



Original Color
62, 20.028, 243.279

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 7.919, 238.965

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 20.028, 243.279 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, 156, 181)` looks like.

```
.text, #text, p{  
    color:rgb(110, 156, 181)  
}
```

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, 156, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 156, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 20.028, 243.279 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, 156, 181) }
```

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

```
.border{ border-color:rgb(110, 156, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 156, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 156, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 156, 181);  
box-shadow:4px 4px 4px 4px rgb(110, 156,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 20.028, 243.279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 156, 181) }
```

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

```
.background{ background-color: rgb(110,  
156, 181) }
```

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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