

Converting Colors

CIELCh(62, 20.061, 238.451)

Have a look what the booklet for
CIELCh(62, 20.061, 238.451)
contains.

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Color

CIELCh(62, 20.224, 238.277)

Conversions

Conversions Part 1

Format	Color
Hex	6B9DB4
RGB	107, 157, 180
RGB Percent	42%, 62%, 71%
CMY	0.5816, 0.3855, 0.2953
CMYK	0.41, 0.13, 0.00, 0.30
HSL	199°, 33%, 56%
HSV	199°, 41%, 70%
XYZ	26.2406, 30.4025, 47.5008
YIQ	144.6720, -37.1830, -3.4470

Conversions

Conversions Part 2

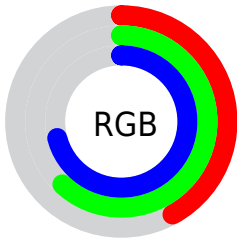
Format	Color
RYB	107, 137, 180
Decimal	7052724
CIELab	62.00, -10.63, -17.20
CIELCh	62, 20.224, 238.277
Yxy	30.4025, 0.2520, 0.2919
Android (android.graphics.Color)	4285242804 (0xFF6B9DB4)
YUV	144.6720, 17.4167, -33.0383
Hunter-Lab	55.1385, -11.5438, -12.4803

Details

The CIELCh color **62, 20.224, 238.277** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **59, 25.850, 50.911**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 20.281, 237.598**, and **42, 20.144, 237.346** is the 20% darker color. If you saturate the color by 10%, you get **59, 24.326, 240.318**, and if you desaturate by 10%, it is **65, 15.716, 236.646**.

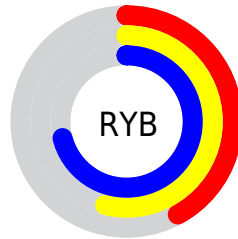
Distribution



Red (42%)

Green (62%)

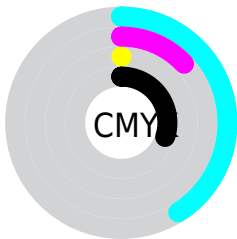
Blue (71%)



Red (42%)

Yellow (54%)

Blue (71%)

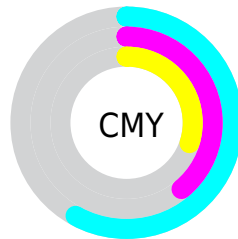


Cyan (41%)

Magenta (13%)

Yellow (0%)

Black (30%)



Cyan (58%)


Magenta (39%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 20.224, 238.277 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, 20.224, 238.277 by changing the saturation by 10% instead.


 62, 20.224,
238.277


 62, 20.224,
238.277


 100, 20.224,
238.277


 52, 20.224,
238.277


 82, 20.224,
238.277

 42, 20.224,
238.277

 92, 20.224,
238.277

 32, 20.224,
238.277

 22, 20.224,
238.277

 12, 20.224,
238.277

 2, 20.224, 238.277

 0, 20.224, 238.277

62, 20.224,
238.277

62, 20.224,
238.277

59, 24.326,
240.318

65, 15.716,
236.646

57, 27.983,
242.861

67, 10.860,
235.358

55, 31.180,
245.990

70, 5.717, 234.362

53, 33.948,
249.770

73, 0.343, 234.798

51, 36.380,
254.211

76, 5.209, 52.714

49, 38.547,
258.746

79, 10.894, 52.236

82, 16.675, 51.831

85, 22.521, 51.502

87, 23.873, 57.676

Harmonies

Complementary

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



62, 20.224, 238.277



59, 25.850, 50.911

Rectangle

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



62, 20.224, 238.277



62, 20.224, 288.277



62, 20.224, 58.277



62, 20.224, 108.277

Sweetspot

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



62, 20.223, 238.275



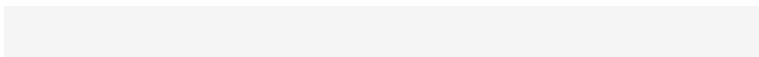
89, 7.997, 234.500



67, 39.076, 150.768



47, 5.286, 234.617



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, 20.223, 238.275



76, 29.333, 240.143



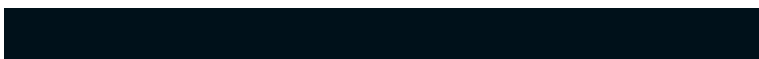
52, 34.030, 286.593



36, 3.040, 234.255



42, 34.012, 258.037



4, 7.648, 246.291

Inverse Universe

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



55, 39.121, 337.978



66, 57.823, 338.828



68, 32.323, 95.656



35, 5.412, 335.500



34, 62.631, 345.661



2, 12.055, 339.589

Previews

White Background



This preview shows how the CIELCh color 62, 20.224, 238.277 looks on a white background.

Color Contrast Check

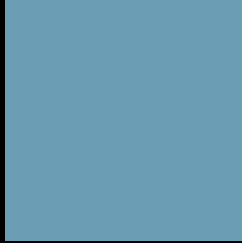
Large Text (above 18pt) WCAG AA × Fail

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, 20.224, 238.277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

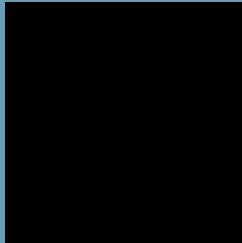
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 20.224, 238.277

Background



This preview shows how black text looks on a background with the CIELCh color 62, 20.224, 238.277.



This preview shows how white text looks on a background with the CIELCh color 62, 20.224, 238.277.

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

62, 20.224, 238.277

Protanopia

62, 14.648, 286.191

Deuteranopia

62, 20.261, 293.364



Tritanopia
62, 18.998, 220.772

Trichromacy



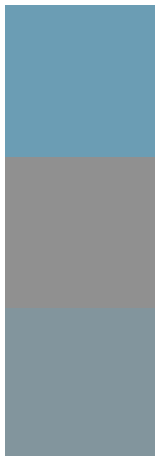
Original Color
62, 20.224, 238.277

Protanomaly
62, 15.580, 263.945

Deuteranomaly
62, 18.265, 272.407

Tritanomaly
62, 19.228, 226.142

Monochromacy



Original Color
62, 20.224, 238.277

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 8.177, 232.511

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 20.224, 238.277 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(107, 157, 180)` looks like.

```
.text, #text, p{  
    color:rgb(107, 157, 180)  
}
```

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(107, 157, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 157, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 20.224, 238.277 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(107, 157, 180) }
```

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

```
.border{ border-color:rgb(107, 157, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 157, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 157, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 157, 180);  
box-shadow:4px 4px 4px 4px rgb(107, 157,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 20.224, 238.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 157, 180) }
```

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

```
.background{ background-color: rgb(107,  
157, 180) }
```

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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