

Converting Colors

CIELCh(62, 17.532, 246.836)

Have a look what the booklet for
CIELCh(62, 17.532, 246.836)
contains.

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Color

CIELCh(62, 17.508, 246.472)

Conversions

Conversions Part 1

Format	Color
Hex	769BB2
RGB	118, 155, 178
RGB Percent	46%, 61%, 70%
CMY	0.5382, 0.3931, 0.3029
CMYK	0.34, 0.13, 0.00, 0.30
HSL	203°, 28%, 58%
HSV	203°, 34%, 70%
XYZ	27.1318, 30.4025, 46.4285
YIQ	146.5590, -29.4350, -0.6910

Conversions

Conversions Part 2

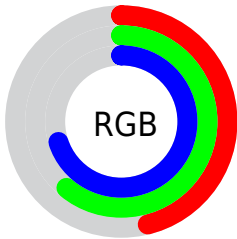
Format	Color
R _Y B	118, 141, 178
Decimal	7773106
CIE Lab	62.00, -6.99, -16.05
CIE LCh	62, 17.508, 246.472
Yxy	30.4025, 0.2610, 0.2924
Android (android.graphics.Color)	4285963186 (0xFF769BB2)
YUV	146.5590, 15.5004, -25.0462
Hunter-Lab	55.1385, -8.6586, -11.3273

Details

The CIELCh color $62, 17.508, 246.472$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $61, 20.601, 58.721$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 17.624, 247.875$, and $42, 17.326, 245.881$ is the 20% darker color. If you saturate the color by 10%, you get $59, 22.175, 248.536$, and if you desaturate by 10%, it is $65, 12.568, 244.784$.

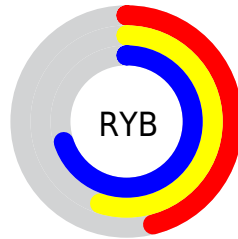
Distribution



Red (46%)

Green (61%)

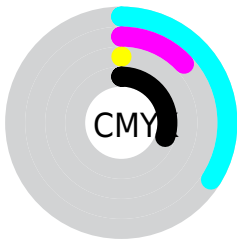
Blue (70%)



Red (46%)

Yellow (55%)

Blue (70%)

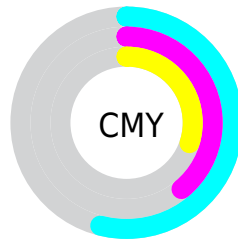


Cyan (34%)

Magenta (13%)

Yellow (0%)

Black (30%)



Cyan (54%)

Magenta (39%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 17.508, 246.472 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, 17.508, 246.472 by changing the saturation by 10% instead.

■ 62, 17.508,
246.472

■ 62, 17.508,
246.472

■ 100, 17.508,
246.472

■ 52, 17.508,
246.472

■ 82, 17.508,
246.472

■ 42, 17.508,
246.472

■ 92, 17.508,
246.472

■ 32, 17.508,
246.472

■ 22, 17.508,
246.472

■ 12, 17.508,
246.472

■ 2, 17.508, 246.472

■ 0, 17.508, 246.472

■ 62, 17.508,
246.472

■ 62, 17.508,
246.472

■ 59, 22.175,
248.536

■ 65, 12.568,
244.784

■ 56, 26.538,
251.061

■ 68, 7.400, 243.422

■ 71, 2.050, 242.433

■ 53, 30.580,
254.118

■ 74, 3.443, 61.171

■ 51, 34.322,
257.764

■ 78, 9.040, 60.468

■ 48, 37.827,
262.012

■ 81, 14.710, 59.837

■ 84, 20.426, 59.298

■ 46, 41.210,
266.788

■ 87, 24.621, 61.694

■ 45, 43.371,
269.812

■ 89, 25.296, 71.208

Harmonies

Complementary

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



62, 17.508, 246.472



61, 20.601, 58.721

Rectangle

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



62, 17.508, 246.472



62, 17.508, 296.472



62, 17.508, 66.472



62, 17.508, 116.472

Sweetspot

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



62, 17.507, 246.469



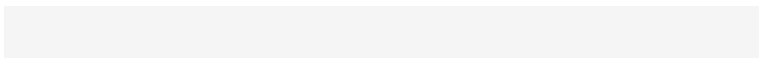
88, 6.722, 243.009



68, 30.708, 154.215



47, 4.613, 243.165



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, 17.507, 246.469



77, 25.368, 247.860



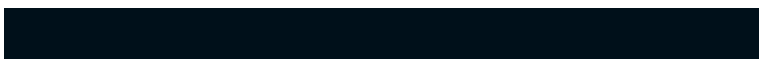
54, 30.028, 288.754



36, 3.080, 242.918



38, 38.489, 269.153



4, 7.986, 254.779

Inverse Universe

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



57, 30.938, 340.586



69, 45.364, 341.266



69, 28.359, 100.463



35, 5.156, 338.504



33, 60.311, 351.005



2, 11.439, 343.338

Previews

White Background



This preview shows how the CIELCh color 62, 17.508, 246.472 looks on a white background.

Color Contrast Check

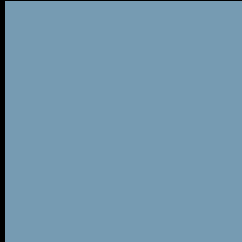
Large Text (above 18pt) WCAG AA × Fail

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 62, 17.508, 246.472 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

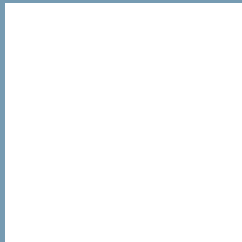
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 17.508, 246.472

Background



This preview shows how black text looks on a background with the CIELCh color 62, 17.508, 246.472.

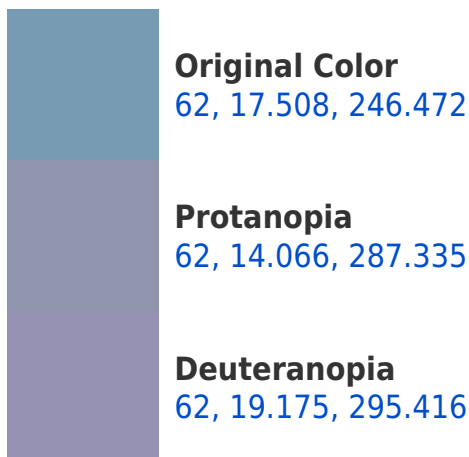


This preview shows how white text looks on a background with the CIELCh color 62, 17.508, 246.472.

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, 15.282, 227.072

Trichromacy



Original Color
62, 17.508, 246.472

Protanomaly
62, 14.838, 270.995

Deuteranomaly
62, 17.170, 279.152

Tritanomaly
62, 15.729, 233.481

Monochromacy



Original Color
62, 17.508, 246.472

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 6.887, 246.658

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 17.508, 246.472 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(118, 155, 178)` looks like.

```
.text, #text, p{  
    color:rgb(118, 155, 178)  
}
```

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(118, 155, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 155, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 17.508, 246.472 is called "border". The border property can be set on classes, ids or directly on the HTML element.

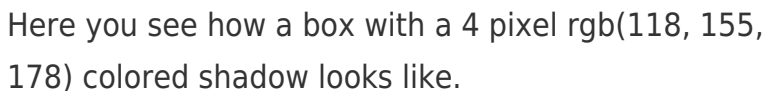
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 155, 178) }
```

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

```
.border{ border-color:rgb(118, 155, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 155, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 155, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 155, 178);  
box-shadow:4px 4px 4px 4px rgb(118, 155,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 17.508, 246.472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 155, 178) }
```

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

```
.background{ background-color: rgb(118,  
155, 178) }
```

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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