

Converting Colors

CIELCh(62, 31.684, 165.994)

Have a look what the booklet for
CIELCh(62, 31.684, 165.994)
contains.

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Color

CIELCh(62, 31.616, 165.712)

Conversions

Conversions Part 1

Format	Color
Hex	58A487
RGB	88, 164, 135
RGB Percent	35%, 64%, 53%
CMY	0.6546, 0.3566, 0.4703
CMYK	0.46, 0.00, 0.18, 0.36
HSL	157°, 30%, 49%
HSV	157°, 46%, 64%
XYZ	21.6948, 30.4025, 27.6691
YIQ	137.9700, -35.9870, -25.1310

Conversions

Conversions Part 2

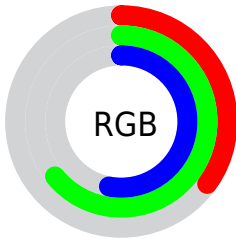
Format	Color
RYB	88, 135, 164
Decimal	5809287
CIELab	62.00, -30.64, 7.80
CIELCh	62, 31.616, 165.712
Yxy	30.4025, 0.2720, 0.3811
Android (android.graphics.Color)	4283999367 (0xFF58A487)
YUV	137.9700, -1.4642, -43.8237
Hunter-Lab	55.1385, -26.2597, 8.8446

Details

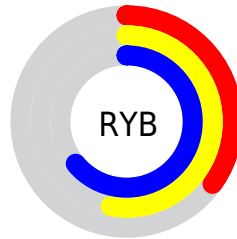
The CIELCh color **62, 31.616, 165.712** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **47, 34.804, 356.014**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 31.474, 165.724**, and **42, 32.005, 165.248** is the 20% darker color. If you saturate the color by 10%, you get **61, 37.496, 164.324**, and if you desaturate by 10%, it is **63, 25.265, 166.954**.

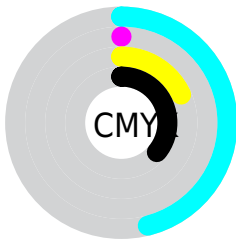
Distribution



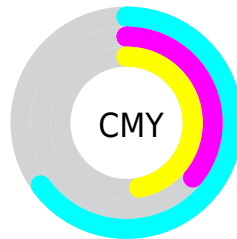
- Red (35%)
- Green (64%)
- Blue (53%)



- Red (35%)
- Yellow (53%)
- Blue (64%)



- Cyan (46%)
- Magenta (0%)
- Yellow (18%)
- Black (36%)





- Cyan (65%)
- Magenta (36%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 31.616, 165.712 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, 31.616, 165.712 by changing the saturation by 10% instead.


 62, 31.616,
165.712


 62, 31.616,
165.712


 100, 31.616,
165.712


 52, 31.616,
165.712


 82, 31.616,
165.712

 42, 31.616,
165.712


 92, 31.616,
165.712

 32, 31.616,
165.712

 22, 31.616,
165.712

 12, 31.616,
165.712

 2, 31.616, 165.712

 0, 31.616, 165.712

62, 31.616,
165.712

62, 31.616,
165.712

61, 37.496,
164.324

63, 25.265,
166.954

61, 42.798,
162.769

64, 18.557,
168.078

60, 47.447,
161.025

65, 11.605,
169.107

60, 51.411,
159.077

66, 4.512, 170.091

60, 54.739,
156.945

68, 2.633, 350.719

59, 55.902,
156.178

70, 9.759, 351.628

71, 16.810,
352.396

73, 23.748,
353.111

■ 75, 30.543,
353.785

Harmonies

Complementary

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



62, 31.616, 165.712



47, 34.804, 356.014

Rectangle

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



62, 31.616, 165.712



62, 31.616, 215.712



62, 31.616, 345.712



62, 31.616, 35.712

Sweetspot

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



62, 31.617, 165.711



83, 12.379, 169.310



63, 45.465, 130.889



44, 8.521, 169.108



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 31.617, 165.711



78, 46.221, 164.217



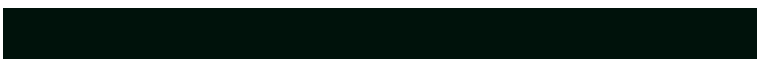
60, 22.003, 210.865



34, 4.017, 169.798



53, 50.920, 156.430



4, 6.518, 167.115

Inverse Universe

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



47, 34.804, 356.014



56, 51.744, 358.019



48, 31.115, 32.581



32, 4.097, 351.336



30, 55.859, 12.326



1, 6.148, 352.869

Previews

White Background



This preview shows how the CIELCh color 62, 31.616, 165.712 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, 31.616, 165.712 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, 31.616, 165.712

Background



This preview shows how black text looks on a background with the CIELCh color 62, 31.616, 165.712.

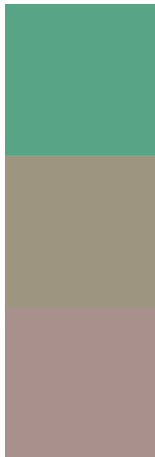


This preview shows how white text looks on a background with the CIELCh color 62, 31.616, 165.712.

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, 31.616, 165.712

Protanopia
62, 12.715, 93.820

Deuteranopia
62, 9.703, 36.889



Tritanopia
62, 20.774, 218.580

Trichromacy



Original Color
62, 31.616, 165.712

Protanomaly
61, 16.057, 141.352

Deuteranomaly
61, 8.934, 143.975

Tritanomaly
62, 22.471, 194.565

Monochromacy



Original Color
62, 31.616, 165.712

Achromatopsia
57, 0.007, 296.813

Achromatomaly
59, 11.830, 169.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 31.616, 165.712 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(88, 164, 135)` looks like.

```
.text, #text, p{  
    color:rgb(88, 164, 135)  
}
```

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(88, 164, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 164, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 31.616, 165.712 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(88, 164, 135) }
```

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

```
.border{ border-color:rgb(88, 164, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 164, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 164, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 164, 135);  
box-shadow:4px 4px 4px 4px rgb(88, 164,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 31.616, 165.712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 164, 135) }
```

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

```
.background{ background-color: rgb(88, 164,  
135) }
```

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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