

Converting Colors

CIELCh(62, 8.363, 358.853)

Have a look what the booklet for
CIELCh(62, 8.363, 358.853) contains.

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Color

CIELCh(62, 8.330, 0.622)

Conversions

Conversions Part 1

Format	Color
Hex	A59196
RGB	165, 145, 150
RGB Percent	65%, 57%, 59%
CMY	0.3534, 0.4318, 0.4122
CMYK	0.00, 0.12, 0.09, 0.35
HSL	345°, 10%, 61%
HSV	345°, 12%, 65%
XYZ	31.0981, 30.4025, 33.0365
YIQ	151.5500, 10.3150, 5.7950

Conversions

Conversions Part 2

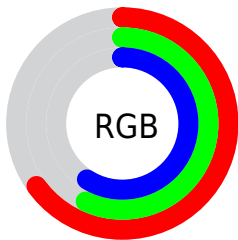
Format	Color
R_{YB}	165, 145, 150
Decimal	10850710
CIE Lab	62.00, 8.33, 0.09
CIE LCh	62, 8.330, 0.622
Yxy	30.4025, 0.3290, 0.3216
Android (android.graphics.Color)	4289040790 (0xFFA59196)
YUV	151.5500, -0.7641, 11.7957
Hunter-Lab	55.1385, 4.1816, 3.0731

Details

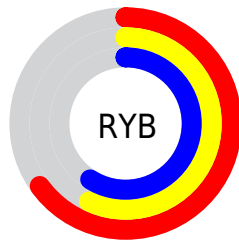
The CIELCh color $62, 8.330, 0.622$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 7.999, 178.481$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 8.204, 1.237$, and $42, 8.004, 3.024$ is the 20% darker color. If you saturate the color by 10%, you get $57, 15.527, 1.776$, and if you desaturate by 10%, it is $67, 1.429, 359.416$.

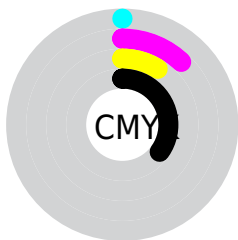
Distribution



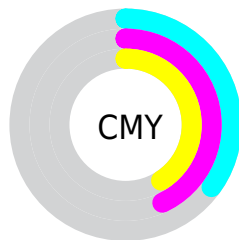
- Red (65%)
- Green (57%)
- Blue (59%)



- Red (65%)
- Yellow (57%)
- Blue (59%)



- Cyan (0%)
- Magenta (12%)
- Yellow (9%)
- Black (35%)



- Cyan (35%)
- Magenta (43%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 8.330, 0.622 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, 8.330, 0.622 by changing the saturation by 10% instead.

 62, 8.330, 0.622

 62, 8.330, 0.622

 100, 8.330, 0.622

 52, 8.330, 0.622

 82, 8.330, 0.622

 42, 8.330, 0.622

 92, 8.330, 0.622

 32, 8.330, 0.622

 22, 8.330, 0.622

 12, 8.330, 0.622

 2, 8.330, 0.622

 0, 8.330, 0.622

 62, 8.330, 0.622

 62, 8.330, 0.622

 57, 15.527, 1.776

 67, 1.429, 359.416

53, 22.959, 3.113

71, 5.145, 178.957

49, 30.501, 4.720

76, 11.393,
178.166

45, 37.956, 6.693

81, 17.330,
177.488

42, 45.055, 9.158

39, 51.488, 12.268

86, 22.977,
176.882

36, 57.001, 16.171

91, 28.360,
176.333

35, 61.520, 20.934

34, 64.758, 24.948

94, 30.936,
179.417

94, 28.748,
191.241

95, 28.118,
197.684

Harmonies

Complementary

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



62, 8.330, 0.622



66, 7.999, 178.481

Rectangle

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



62, 8.330, 0.622



62, 8.330, 50.622



62, 8.330, 180.622



62, 8.330, 230.622

Sweetspot

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



62, 8.328, 0.630



83, 3.338, 359.737



62, 12.623, 317.791



44, 2.372, 359.828



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, 8.328, 0.630



77, 12.837, 0.975



63, 6.568, 44.854



32, 3.827, 0.322



30, 58.776, 24.286



1, 5.775, 1.257

Inverse Universe

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



62, 8.328, 0.630



77, 12.837, 0.975



65, 6.117, 226.140



32, 3.827, 0.322



30, 58.776, 24.286



1, 5.775, 1.257

Previews

White Background



This preview shows how the CIELCh color 62, 8.330, 0.622 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, 8.330, 0.622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

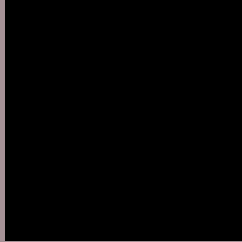
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 8.330, 0.622

Background



This preview shows how black text looks on a background with the CIELCh color 62, 8.330, 0.622.



This preview shows how white text looks on a background with the CIELCh color 62, 8.330, 0.622.

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, 8.330, 0.622

Protanopia

62, 2.058, 324.445

Deuteranopia

62, 7.957, 359.612



Tritanopia
62, 10.538, 344.725

Trichromacy



Original Color

62, 8.330, 0.622

Protanomaly

62, 3.889, 354.108

Deuteranomaly

62, 7.957, 359.612

Tritanomaly

62, 9.952, 350.021

Monochromacy



Original Color

62, 8.330, 0.622

Achromatopsia

62, 0.008, 296.813

Achromatomaly

62, 2.946, 357.227

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 8.330, 0.622 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(165, 145, 150)` looks like.

```
.text, #text, p{  
    color:rgb(165, 145, 150)  
}
```

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(165, 145, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 145, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 8.330, 0.622 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(165, 145, 150) }
```

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

```
.border{ border-color:rgb(165, 145, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 145, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 145, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 145, 150);  
box-shadow:4px 4px 4px 4px rgb(165, 145,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 8.330, 0.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 145, 150) }
```

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

```
.background{ background-color: rgb(165,  
145, 150) }
```

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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