

Converting Colors

CIELCh(62, 48.506, 22.056)

Have a look what the booklet for
CIELCh(62, 48.506, 22.056) contains.

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Color

CIELCh(62, 48.506, 22.056)

Conversions

Conversions Part 1

Format	Color
Hex	E67378
RGB	230, 115, 120
RGB Percent	90%, 45%, 47%
CMY	0.0984, 0.5493, 0.5297
CMYK	0.00, 0.50, 0.48, 0.10
HSL	357°, 70%, 68%
HSV	357°, 50%, 90%
XYZ	42.1076, 30.4025, 21.3920
YIQ	149.9550, 66.9350, 25.9350

Conversions

Conversions Part 2

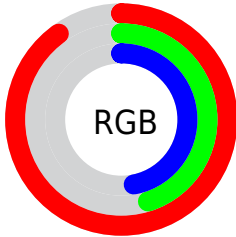
Format	Color
R _Y B	230, 115, 120
Decimal	15102840
CIE _{Lab}	62.00, 44.96, 18.21
CIE _{LCh}	62, 48.506, 22.056
Y _{xy}	30.4025, 0.4484, 0.3238
Android (android.graphics.Color)	4293292920 (0xFFE67378)
Y _{UV}	149.9550, -14.7678, 70.1995
Hunter-Lab	55.1385, 39.8228, 15.5942

Details

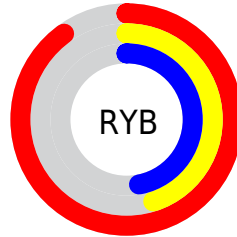
The CIELCh color **62, 48.506, 22.056** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **85, 34.653, 192.702**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 34.023, 19.807**, and **42, 48.434, 21.653** is the 20% darker color. If you saturate the color by 10%, you get **57, 59.358, 24.555**, and if you desaturate by 10%, it is **67, 37.779, 20.119**.

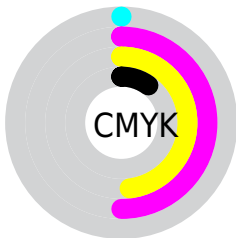
Distribution



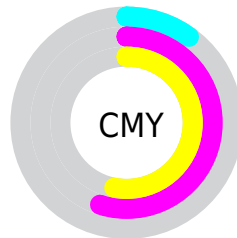
- Red (90%)
- Green (45%)
- Blue (47%)



- Red (90%)
- Yellow (45%)
- Blue (47%)



- Cyan (0%)
- Magenta (50%)
- Yellow (48%)
- Black (10%)



- Cyan (10%)
- Magenta (55%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 48.506, 22.056 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, 48.506, 22.056 by changing the saturation by 10% instead.

62, 48.506, 22.056

62, 48.506, 22.056

100, 48.506,
22.056

52, 48.506, 22.056

82, 48.506, 22.056

42, 48.506, 22.056

92, 48.506, 22.056

32, 48.506, 22.056

22, 48.506, 22.056

12, 48.506, 22.056

2, 48.506, 22.056

0, 48.506, 22.056

62, 48.506, 22.056

62, 48.506, 22.056

57, 59.358, 24.555

67, 37.779, 20.119

■ 54, 69.991, 27.705

■ 73, 27.449, 18.612

■ 51, 79.986, 31.479

■ 79, 17.674, 17.429

■ 49, 88.722, 35.505

■ 85, 8.525, 16.467

■ 48, 94.969, 38.669

■ 91, 0.017, 336.365

■ 98, 7.893, 195.273

■ 98, 8.554, 198.942

Harmonies

Complementary

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



62, 48.506, 22.056



85, 34.653, 192.702

Rectangle

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



62, 48.506, 22.056



62, 48.506, 72.056



62, 48.506, 202.056



62, 48.506, 252.056

Sweetspot

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



62, 48.503, 22.059



90, 14.152, 16.935



65, 70.835, 325.540



46, 9.730, 17.141



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 48.503, 22.059



63, 64.579, 24.648



73, 39.858, 64.100



45, 4.819, 16.417



37, 78.111, 38.201



6, 26.965, 19.967

Inverse Universe

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



62, 48.503, 22.059



63, 64.579, 24.648



70, 32.771, 259.092



45, 4.819, 16.417



37, 78.111, 38.201



6, 26.965, 19.967

Previews

White Background



This preview shows how the CIELCh color 62, 48.506, 22.056 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, 48.506, 22.056 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, 48.506, 22.056

Background



This preview shows how black text looks on a background with the CIELCh color 62, 48.506, 22.056.

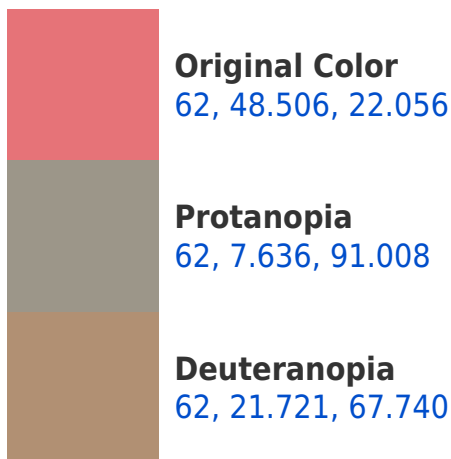


This preview shows how white text looks on a background with the CIELCh color 62, 48.506, 22.056.

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, 48.560, 19.636

Trichromacy



Original Color
62, 48.506, 22.056

Protanomaly
61, 19.476, 31.085

Deuteranomaly
61, 28.900, 39.678

Tritanomaly
62, 48.655, 20.276

Monochromacy



Original Color
62, 48.506, 22.056

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 17.090, 17.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 48.506, 22.056 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(230, 115, 120)` looks like.

```
.text, #text, p{  
    color:rgb(230, 115, 120)  
}
```

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(230, 115, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 115, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 48.506, 22.056 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(230, 115, 120) }
```

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

```
.border{ border-color:rgb(230, 115, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 115, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 115, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 115, 120);  
box-shadow:4px 4px 4px 4px rgb(230, 115,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 48.506, 22.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 115, 120) }
```

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

```
.background{ background-color: rgb(230,  
115, 120) }
```

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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