

Converting Colors

CIELCh(62, 48.770, 23.060)

Have a look what the booklet for
CIELCh(62, 48.770, 23.060) contains.

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Color

CIELCh(62, 48.753, 23.320)

Conversions

Conversions Part 1

Format	Color
Hex	E67376
RGB	230, 115, 118
RGB Percent	90%, 45%, 46%
CMY	0.0979, 0.5489, 0.5372
CMYK	0.00, 0.50, 0.49, 0.10
HSL	358°, 70%, 68%
HSV	358°, 50%, 90%
XYZ	42.0461, 30.4025, 20.7987
YIQ	149.7270, 67.5770, 25.3130

Conversions

Conversions Part 2

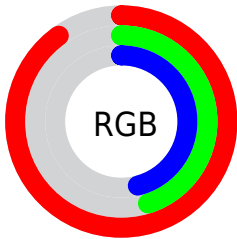
Format	Color
RYB	230, 115, 118
Decimal	15102838
CIELab	62.00, 44.77, 19.30
CIELCh	62, 48.753, 23.320
Yxy	30.4025, 0.4509, 0.3260
Android (android.graphics.Color)	4293292918 (0xFFE67376)
YUV	149.7270, -15.6414, 70.3994
Hunter-Lab	55.1385, 39.6234, 16.2323

Details

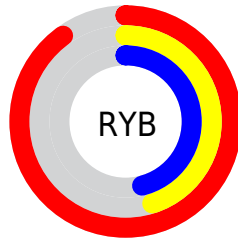
The CIELCh color **62, 48.753, 23.320** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **85, 34.393, 194.473**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 34.155, 21.564**, and **42, 48.742, 23.010** is the 20% darker color. If you saturate the color by 10%, you get **57, 59.774, 25.782**, and if you desaturate by 10%, it is **67, 37.904, 21.417**.

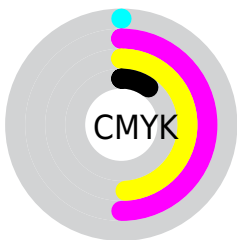
Distribution



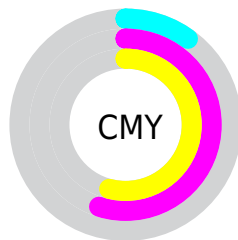
- Red (90%)
- Green (45%)
- Blue (46%)



- Red (90%)
- Yellow (45%)
- Blue (46%)



- Cyan (0%)
- Magenta (50%)
- Yellow (49%)
- Black (10%)



- Cyan (10%)
- Magenta (55%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 48.753, 23.320 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, 48.753, 23.320 by changing the saturation by 10% instead.

62, 48.753, 23.320

62, 48.753, 23.320

100, 48.753,
23.320

52, 48.753, 23.320

82, 48.753, 23.320

42, 48.753, 23.320

92, 48.753, 23.320

32, 48.753, 23.320

22, 48.753, 23.320

12, 48.753, 23.320

2, 48.753, 23.320

0, 48.753, 23.320

62, 48.753, 23.320

62, 48.753, 23.320

57, 59.774, 25.782

67, 37.904, 21.417

■ 54, 70.619, 28.881

■ 73, 27.494, 19.945

■ 51, 80.832, 32.560

■ 79, 17.673, 18.798

■ 49, 89.658, 36.379

■ 85, 8.506, 17.874

■ 48, 95.666, 39.190

■ 91, 0.012, 264.161

■ 48, 95.670, 39.191

■ 98, 7.892, 196.759

■ 98, 8.513, 198.945

Harmonies

Complementary

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



62, 48.753, 23.320



85, 34.393, 194.473

Rectangle

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



62, 48.753, 23.320



62, 48.753, 73.320



62, 48.753, 203.320



62, 48.753, 253.320

Sweetspot

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



62, 48.750, 23.323



90, 14.152, 18.325



65, 71.047, 326.044



46, 9.733, 18.523



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, 48.750, 23.323



63, 65.032, 25.879



74, 39.953, 65.787



45, 4.816, 17.828



37, 78.830, 38.901



6, 27.018, 20.688

Inverse Universe

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



62, 48.750, 23.323



63, 65.032, 25.879



70, 33.403, 261.122



45, 4.816, 17.828



37, 78.830, 38.901



6, 27.018, 20.688

Previews

White Background



This preview shows how the CIELCh color 62, 48.753, 23.320 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, 48.753, 23.320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

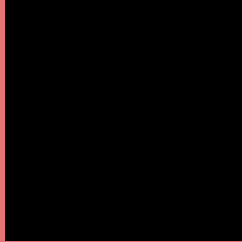
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 48.753, 23.320

Background



This preview shows how black text looks on a background with the CIELCh color 62, 48.753, 23.320.

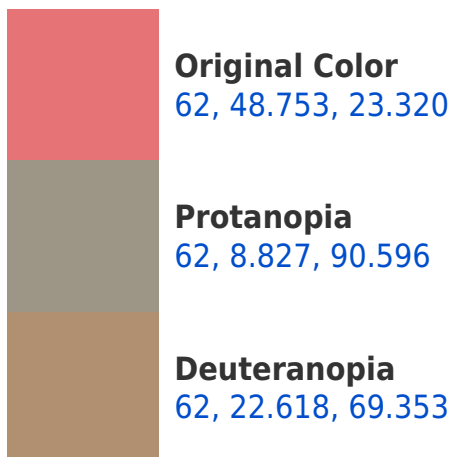


This preview shows how white text looks on a background with the CIELCh color 62, 48.753, 23.320.

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](#).

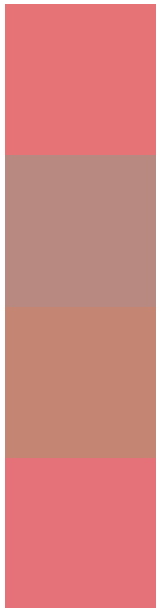
Dichromacy





Tritanopia
62, 48.655, 20.276

Trichromacy



Original Color
62, 48.753, 23.320

Protanomaly
61, 20.237, 33.919

Deuteranomaly
61, 29.426, 41.572

Tritanomaly
62, 48.757, 20.914

Monochromacy



Original Color
62, 48.753, 23.320

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 17.113, 19.297

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 48.753, 23.320 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, 118)` looks like.

```
.text, #text, p{  
    color:rgb(230, 115, 118)  
}
```

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, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 115, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 48.753, 23.320 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, 118) }
```

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

```
.border{ border-color:rgb(230, 115, 118) }
```

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, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 115, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 115, 118);  
box-shadow:4px 4px 4px 4px rgb(230, 115,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 48.753, 23.320 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, 118) }
```

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

```
.background{ background-color: rgb(230,  
115, 118) }
```

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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