

Converting Colors

CIELCh(63, 46.853, 24.782)

Have a look what the booklet for
CIELCh(63, 46.853, 24.782) contains.

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Color

CIELCh(63, 46.746, 24.744)

Conversions

Conversions Part 1

Format	Color
Hex	E67878
RGB	230, 120, 120
RGB Percent	90%, 47%, 47%
CMY	0.0983, 0.5296, 0.5296
CMYK	0.00, 0.48, 0.48, 0.10
HSL	0°, 69%, 69%
HSV	0°, 48%, 90%
XYZ	42.7098, 31.5869, 21.5983
YIQ	152.8900, 65.5600, 23.3200

Conversions

Conversions Part 2

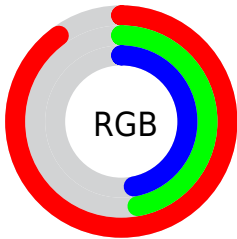
Format	Color
R _Y B	230, 120, 120
Decimal	15104120
CIE Lab	63.00, 42.45, 19.57
CIE LCh	63, 46.746, 24.744
Yxy	31.5869, 0.4454, 0.3294
Android (android.graphics.Color)	4293294200 (0xFFE67878)
YUV	152.8900, -16.2148, 67.6255
Hunter-Lab	56.2022, 37.2936, 16.5566

Details

The CIELCh color **63, 46.746, 24.744** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **85, 32.962, 197.233**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 32.185, 24.023**, and **43, 46.411, 24.525** is the 20% darker color. If you saturate the color by 10%, you get **58, 57.990, 27.015**, and if you desaturate by 10%, it is **68, 35.805, 23.003**.

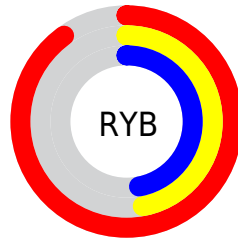
Distribution



Red (90%)

Green (47%)

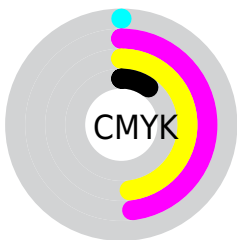
Blue (47%)



Red (90%)

Yellow (47%)

Blue (47%)

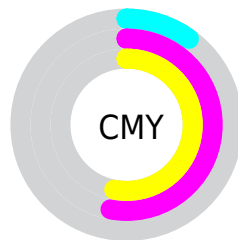


Cyan (0%)

Magenta (48%)

Yellow (48%)

Black (10%)



Cyan (10%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 46.746, 24.744 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 63, 46.746, 24.744 by changing the saturation by 10% instead.

63, 46.746, 24.744

63, 46.746, 24.744

100, 46.746,
24.744

53, 46.746, 24.744

83, 46.746, 24.744

43, 46.746, 24.744

93, 46.746, 24.744

33, 46.746, 24.744

23, 46.746, 24.744

13, 46.746, 24.744

3, 46.746, 24.744

0, 46.746, 24.744

63, 46.746, 24.744

63, 46.746, 24.744

58, 57.990, 27.015

68, 35.805, 23.003

■ 54, 69.202, 29.890

■ 74, 25.403, 21.669

■ 51, 79.901, 33.321

■ 80, 15.659, 20.641

■ 49, 89.243, 36.874

■ 86, 6.612, 19.808

■ 48, 95.544, 39.502

■ 93, 1.755, 199.644

■ 48, 96.706, 40.000

■ 98, 8.542, 198.943

Harmonies

Complementary

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



63, 46.746, 24.744



85, 32.962, 197.233

Rectangle

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



63, 46.746, 24.744



63, 46.746, 74.744



63, 46.746, 204.744



63, 46.746, 254.744

Sweetspot

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



63, 46.743, 24.747



90, 13.171, 20.313



66, 68.697, 326.953



47, 9.171, 20.499



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 46.743, 24.747



65, 62.085, 26.885



75, 38.321, 69.402



45, 4.817, 19.937



37, 79.984, 39.972



6, 27.104, 21.759

Inverse Universe

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



85, 32.962, 197.233



93, 40.425, 196.950



70, 33.334, 264.380



47, 4.537, 198.971



66, 38.345, 196.390



18, 16.091, 196.390

Previews

White Background



This preview shows how the CIELCh color 63, 46.746, 24.744 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 63, 46.746, 24.744 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 63, 46.746, 24.744

Background



This preview shows how black text looks on a background with the CIELCh color 63, 46.746, 24.744.



This preview shows how white text looks on a background with the CIELCh color 63, 46.746, 24.744.

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
63, 46.311, 19.566

Trichromacy



Original Color
63, 46.746, 24.744

Protanomaly
62, 19.706, 37.403

Deuteranomaly
63, 28.958, 43.969

Tritanomaly
63, 46.603, 21.567

Monochromacy



Original Color
63, 46.746, 24.744

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 16.221, 21.013

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 46.746, 24.744 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, 120, 120)` looks like.

```
.text, #text, p{  
    color:rgb(230, 120, 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, 120, 120) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 63, 46.746, 24.744 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, 120, 120) }
```

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

```
.border{ border-color:rgb(230, 120, 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, 120, 120)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 63, 46.746, 24.744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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