

Converting Colors

CIELCh(63, 52.927, 25.620)

Have a look what the booklet for
CIELCh(63, 52.927, 25.620) contains.

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Color

CIELCh(63, 52.997, 25.666)

Conversions

Conversions Part 1

Format	Color
Hex	EE7272
RGB	238, 114, 114
RGB Percent	93%, 45%, 45%
CMY	0.0651, 0.5515, 0.5516
CMYK	0.00, 0.52, 0.52, 0.07
HSL	0°, 79%, 69%
HSV	0°, 52%, 93%
XYZ	44.5124, 31.5869, 19.7704
YIQ	151.0760, 73.9040, 26.2880

Conversions

Conversions Part 2

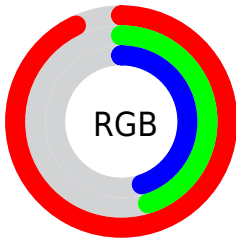
Format	Color
R _Y B	238, 114, 114
Decimal	15626866
CIE Lab	63.00, 47.77, 22.95
CIE LCh	63, 52.997, 25.666
Yxy	31.5869, 0.4643, 0.3295
Android (android.graphics.Color)	4293816946 (0xFFEE7272)
YUV	151.0760, -18.2785, 76.2323
Hunter-Lab	56.2022, 43.0188, 18.4850

Details

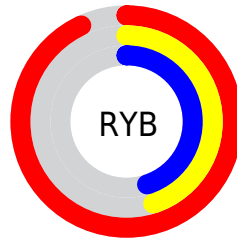
The CIELCh color **63, 52.997, 25.666** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **88, 36.043, 197.122**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 34.523, 25.024**, and **43, 52.725, 25.888** is the 20% darker color. If you saturate the color by 10%, you get **58, 64.610, 28.197**, and if you desaturate by 10%, it is **68, 41.559, 23.711**.

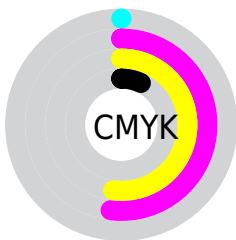
Distribution



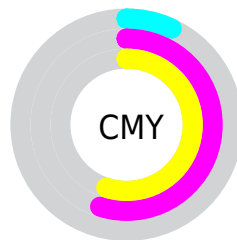
- Red (93%)
- Green (45%)
- Blue (45%)



- Red (93%)
- Yellow (45%)
- Blue (45%)



- Cyan (0%)
- Magenta (52%)
- Yellow (52%)
- Black (7%)



- Cyan (7%)
- Magenta (55%)
- Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 52.997, 25.666 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, 52.997, 25.666 by changing the saturation by 10% instead.

 63, 52.997, 25.666

 63, 52.997, 25.666

 100, 52.997,
25.666

 53, 52.997, 25.666

 83, 52.997, 25.666

 43, 52.997, 25.666

 93, 52.997, 25.666

 33, 52.997, 25.666

 23, 52.997, 25.666

 13, 52.997, 25.666

 3, 52.997, 25.666

 0, 52.997, 25.666

 63, 52.997, 25.666

 63, 52.997, 25.666

 58, 64.610, 28.197

 68, 41.559, 23.711

■ 55, 76.000, 31.338

■ 74, 30.591, 22.213

■ 52, 86.560, 34.915

■ 80, 20.260, 21.065

■ 50, 95.047, 38.213

■ 86, 10.641, 20.165

■ 50, 99.381, 40.002

■ 93, 1.736, 19.188

■ 99, 5.701, 199.160

Harmonies

Complementary

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



63, 52.997, 25.666



88, 36.043, 197.122

Rectangle

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



63, 52.997, 25.666



63, 52.997, 75.666



63, 52.997, 205.666



63, 52.997, 255.666

Sweetspot

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



63, 52.994, 25.669



89, 15.169, 20.504



67, 76.192, 327.143



46, 10.325, 20.689



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, 52.994, 25.669



62, 68.207, 28.249



76, 43.339, 68.844



47, 4.991, 19.959



38, 81.699, 39.998



8, 29.831, 23.820

Inverse Universe

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



88, 36.043, 197.122



92, 42.554, 196.852



70, 37.204, 265.611



49, 4.700, 198.989



68, 39.142, 196.426



21, 17.088, 196.421

Previews

White Background



This preview shows how the CIELCh color 63, 52.997, 25.666 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 63, 52.997, 25.666 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, 52.997, 25.666

Background



This preview shows how black text looks on a background with the CIELCh color 63, 52.997, 25.666.



This preview shows how white text looks on a background with the CIELCh color 63, 52.997, 25.666.

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

63, 52.997, 25.666

Protanopia

63, 11.593, 92.634

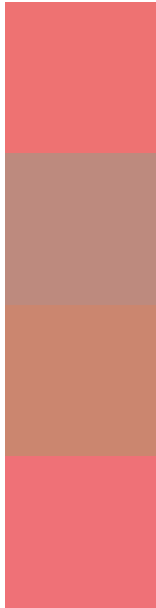
Deuteranopia

63, 26.139, 71.163



Tritanopia
63, 52.794, 21.238

Trichromacy



Original Color
63, 52.997, 25.666

Protanomaly
62, 22.702, 38.336

Deuteranomaly
62, 33.286, 44.281

Tritanomaly
63, 53.034, 22.400

Monochromacy



Original Color
63, 52.997, 25.666

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 18.387, 21.267

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 52.997, 25.666 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(238, 114, 114)` looks like.

```
.text, #text, p{  
    color:rgb(238, 114, 114)  
}
```

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(238, 114, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 114, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 52.997, 25.666 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(238, 114, 114) }
```

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

```
.border{ border-color:rgb(238, 114, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 114, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 114, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 114, 114);  
box-shadow:4px 4px 4px 4px rgb(238, 114,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 52.997, 25.666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 114, 114) }
```

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

```
.background{ background-color: rgb(238,  
114, 114) }
```

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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