

Converting Colors

CIELCh(63, 51.333, 27.267)

Have a look what the booklet for
CIELCh(63, 51.333, 27.267) contains.

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Color

CIELCh(63, 51.364, 27.640)

Conversions

Conversions Part 1

Format	Color
Hex	EC7571
RGB	236, 117, 113
RGB Percent	93%, 46%, 44%
CMY	0.0761, 0.5426, 0.5582
CMYK	0.00, 0.50, 0.52, 0.08
HSL	2°, 76%, 68%
HSV	2°, 52%, 92%
XYZ	43.7377, 31.5869, 19.3161
YIQ	152.1250, 72.2080, 23.9840

Conversions

Conversions Part 2

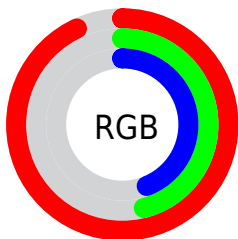
Format	Color
R _Y B	236, 117, 113
Decimal	15496561
CIE Lab	63.00, 45.50, 23.83
CIE LCh	63, 51.364, 27.640
Yxy	31.5869, 0.4621, 0.3338
Android (android.graphics.Color)	4293686641 (0xFFEC7571)
YUV	152.1250, -19.2886, 73.5584
Hunter-Lab	56.2022, 40.5585, 18.9643

Details

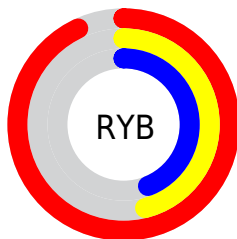
The CIELCh color **63, 51.364, 27.640** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **86, 34.552, 200.677**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 33.669, 28.473**, and **43, 51.608, 27.683** is the 20% darker color. If you saturate the color by 10%, you get **58, 62.821, 29.887**, and if you desaturate by 10%, it is **68, 40.194, 25.906**.

Distribution



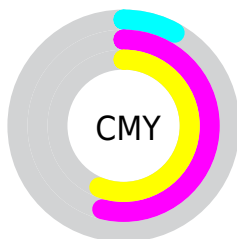
- Red (93%)
- Green (46%)
- Blue (44%)



- Red (93%)
- Yellow (46%)
- Blue (44%)



- Cyan (0%)
- Magenta (50%)
- Yellow (52%)
- Black (8%)



- Cyan (8%)
- Magenta (54%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 51.364, 27.640 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, 51.364, 27.640 by changing the saturation by 10% instead.

63, 51.364, 27.640

63, 51.364, 27.640

100, 51.364,
27.640

53, 51.364, 27.640

83, 51.364, 27.640

43, 51.364, 27.640

93, 51.364, 27.640

33, 51.364, 27.640

23, 51.364, 27.640

13, 51.364, 27.640

3, 51.364, 27.640

0, 51.364, 27.640

63, 51.364, 27.640

63, 51.364, 27.640

58, 62.821, 29.887

68, 40.194, 25.906

55, 74.204, 32.668

74, 29.560, 24.584

52, 84.902, 35.815

80, 19.589, 23.581

50, 93.646, 38.674

86, 10.331, 22.806

49, 98.092, 40.251

92, 1.774, 21.950

98, 6.124, 201.981

99, 6.653, 199.084

Harmonies

Complementary

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



63, 51.364, 27.640



86, 34.552, 200.677

Rectangle

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



63, 51.364, 27.640



63, 51.364, 77.640



63, 51.364, 207.640



63, 51.364, 257.640

Sweetspot

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



63, 51.361, 27.643



89, 14.704, 23.087



66, 74.805, 327.639



46, 10.011, 23.246



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, 51.361, 27.643



63, 68.035, 30.166



76, 43.240, 70.467



46, 4.751, 22.619



38, 80.398, 40.342



7, 27.869, 24.406

Inverse Universe

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



86, 34.552, 200.677



91, 41.440, 200.663



69, 37.748, 267.466



48, 4.470, 201.865



65, 37.063, 201.611



19, 15.970, 200.815

Previews

White Background



This preview shows how the CIELCh color 63, 51.364, 27.640 looks on a white background.

Color Contrast Check

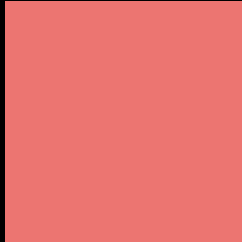
Large Text (above 18pt) WCAG AA × Fail

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, 51.364, 27.640 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, 51.364, 27.640

Background



This preview shows how black text looks on a background with the CIELCh color 63, 51.364, 27.640.



This preview shows how white text looks on a background with the CIELCh color 63, 51.364, 27.640.

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, 51.364, 27.640

Protanopia

63, 13.730, 94.887

Deuteranopia

63, 26.603, 71.766



Tritanopia
63, 50.636, 20.695

Trichromacy



Original Color
63, 51.364, 27.640

Protanomaly
62, 22.709, 45.514

Deuteranomaly
62, 32.617, 46.681

Tritanomaly
63, 50.761, 23.600

Monochromacy



Original Color
63, 51.364, 27.640

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 17.584, 22.961

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 51.364, 27.640 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(236, 117, 113)` looks like.

```
.text, #text, p{  
    color:rgb(236, 117, 113)  
}
```

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(236, 117, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 117, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 51.364, 27.640 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(236, 117, 113) }
```

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

```
.border{ border-color:rgb(236, 117, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 117, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 117, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 117, 113);  
box-shadow:4px 4px 4px 4px rgb(236, 117,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 51.364, 27.640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 117, 113) }
```

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

```
.background{ background-color: rgb(236,  
117, 113) }
```

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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