

Converting Colors

CIELCh(64, 58.094, 26.328)

Have a look what the booklet for
CIELCh(64, 58.094, 26.328) contains.

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Color

CIELCh(64, 58.094, 26.328)

Conversions

Conversions Part 1

Format	Color
Hex	F87070
RGB	248, 112, 112
RGB Percent	97%, 44%, 44%
CMY	0.0266, 0.5600, 0.5601
CMYK	0.00, 0.55, 0.55, 0.03
HSL	0°, 91%, 71%
HSV	0°, 55%, 97%
XYZ	47.5397, 32.8017, 19.2066
YIQ	152.6640, 81.0560, 28.8320

Conversions

Conversions Part 2

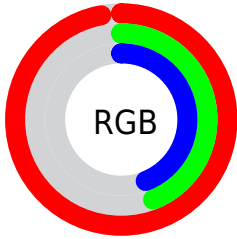
Format	Color
RYB	248, 112, 112
Decimal	16281712
CIELab	64.00, 52.07, 25.77
CIELCh	64, 58.094, 26.328
Yxy	32.8017, 0.4776, 0.3295
Android (android.graphics.Color)	4294471792 (0xFFFF87070)
YUV	152.6640, -20.0474, 83.6097
Hunter-Lab	57.2727, 47.9382, 20.2078

Details

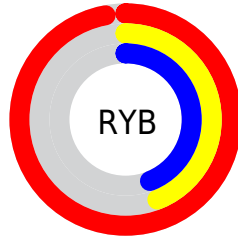
The CIELCh color **64, 58.094, 26.328** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **91, 38.559, 197.029**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 35.426, 25.068**, and **44, 58.010, 26.409** is the 20% darker color. If you saturate the color by 10%, you get **59, 70.074, 29.044**, and if you desaturate by 10%, it is **69, 46.186, 24.214**.

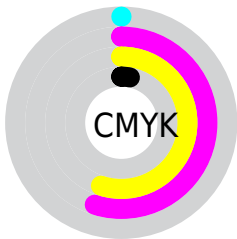
Distribution



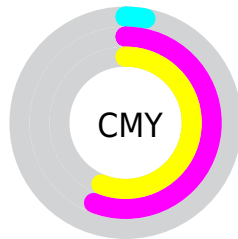
- Red (97%)
- Green (44%)
- Blue (44%)



- Red (97%)
- Yellow (44%)
- Blue (44%)



- Cyan (0%)
- Magenta (55%)
- Yellow (55%)
- Black (3%)



- Cyan (3%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 58.094, 26.328 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 64, 58.094, 26.328 by changing the saturation by 10% instead.

64, 58.094, 26.328

64, 58.094, 26.328

100, 58.094,
26.328

54, 58.094, 26.328

84, 58.094, 26.328

44, 58.094, 26.328

94, 58.094, 26.328

34, 58.094, 26.328

24, 58.094, 26.328

14, 58.094, 26.328

4, 58.094, 26.328

0, 58.094, 26.328

64, 58.094, 26.328

64, 58.094, 26.328

59, 70.074, 29.044

69, 46.186, 24.214

■ 56, 81.672, 32.356

■ 75, 34.692, 22.592

■ 53, 92.137, 35.967

■ 81, 23.820, 21.353

■ 52, 99.832, 38.942

■ 88, 13.670, 20.392

■ 52, 102.460,
40.001

■ 94, 4.265, 19.562

■ 100, 2.350,
199.538

Harmonies

Complementary

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



64, 58.094, 26.328



91, 38.559, 197.029

Rectangle

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



64, 58.094, 26.328



64, 58.094, 76.328



64, 58.094, 206.328



64, 58.094, 256.328

Sweetspot

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



64, 58.091, 26.331



89, 15.171, 20.497



68, 82.244, 327.263



46, 10.326, 20.682



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 58.091, 26.331



61, 73.077, 29.439



78, 47.439, 68.467



49, 5.166, 19.956



39, 83.389, 40.002



9, 32.192, 26.148

Inverse Universe

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



91, 38.559, 197.029



92, 44.070, 196.754



72, 40.378, 266.486



51, 4.863, 198.979



69, 39.953, 196.413



23, 18.077, 196.410

Previews

White Background



This preview shows how the CIELCh color 64, 58.094, 26.328 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 64, 58.094, 26.328 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 64, 58.094, 26.328

Background



This preview shows how black text looks on a background with the CIELCh color 64, 58.094, 26.328.



This preview shows how white text looks on a background with the CIELCh color 64, 58.094, 26.328.

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
64, 57.770, 22.343

Trichromacy



Original Color
64, 58.094, 26.328

Protanomaly
63, 25.207, 39.321

Deuteranomaly
64, 36.350, 46.890

Tritanomaly
64, 58.042, 23.394

Monochromacy



Original Color
64, 58.094, 26.328

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 20.486, 21.488

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 58.094, 26.328 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(248, 112, 112)` looks like.

```
.text, #text, p{  
    color:rgb(248, 112, 112)  
}
```

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(248, 112, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 112, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 58.094, 26.328 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(248, 112, 112) }
```

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

```
.border{ border-color:rgb(248, 112, 112) }
```

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

Here you see how a box with a 4 pixel rgb(248, 112, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 112, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 112, 112);  
box-shadow:4px 4px 4px 4px rgb(248, 112,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 58.094, 26.328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 112, 112) }
```

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

```
.background{ background-color: rgb(248,  
112, 112) }
```

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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