

Converting Colors

CIELCh(65, 60.566, 28.870)

Have a look what the booklet for
CIELCh(65, 60.566, 28.870) contains.

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Color

CIELCh(65, 60.503, 28.852)

Conversions

Conversions Part 1

Format	Color
Hex	FE726D
RGB	254, 114, 109
RGB Percent	100%, 45%, 43%
CMY	0.0055, 0.5543, 0.5738
CMYK	0.00, 0.55, 0.57, 0.01
HSL	2°, 98%, 71%
HSV	2°, 57%, 99%
XYZ	49.4459, 34.0472, 18.3434
YIQ	155.2900, 85.0450, 28.1250

Conversions

Conversions Part 2

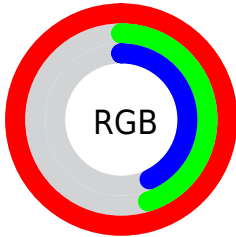
Format	Color
R _Y B	254, 114, 109
Decimal	16675437
CIE Lab	65.00, 52.99, 29.20
CIE LCh	65, 60.503, 28.852
Yxy	34.0472, 0.4855, 0.3343
Android (android.graphics.Color)	4294865517 (0xFFFE726D)
YUV	155.2900, -22.8210, 86.5687
Hunter-Lab	58.3500, 49.1488, 22.2061

Details

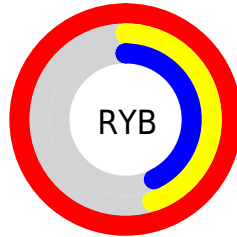
The CIELCh color **65, 60.503, 28.852** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **91, 38.835, 200.884**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 35.172, 29.218**, and **45, 60.609, 29.111** is the 20% darker color. If you saturate the color by 10%, you get **61, 72.683, 31.373**, and if you desaturate by 10%, it is **70, 48.453, 26.873**.

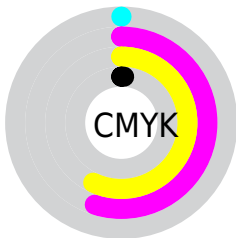
Distribution



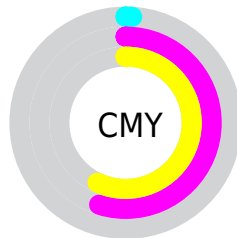
- Red (100%)
- Green (45%)
- Blue (43%)



- Red (100%)
- Yellow (45%)
- Blue (43%)



- Cyan (0%)
- Magenta (55%)
- Yellow (57%)
- Black (1%)



- Cyan (1%)
- Magenta (55%)
- Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 60.503, 28.852 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 65, 60.503, 28.852 by changing the saturation by 10% instead.

 65, 60.503, 28.852

 65, 60.503, 28.852

 100, 60.503,
28.852

 55, 60.503, 28.852

 85, 60.503, 28.852

 45, 60.503, 28.852

 95, 60.503, 28.852

 35, 60.503, 28.852

 25, 60.503, 28.852

 15, 60.503, 28.852

 5, 60.503, 28.852

 0, 60.503, 28.852

 65, 60.503, 28.852

 65, 60.503, 28.852

 61, 72.683, 31.373

 70, 48.453, 26.873

■ 57, 84.501, 34.378

■ 76, 36.862, 25.356

■ 55, 95.023, 37.484

■ 82, 25.924, 24.208

■ 53, 102.255,
39.694

■ 88, 15.729, 23.334

■ 95, 6.293, 22.628

■ 53, 103.727,
40.243

100, 0.488,
200.732

Harmonies

Complementary

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



65, 60.503, 28.852



91, 38.835, 200.884

Rectangle

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



65, 60.503, 28.852



65, 60.503, 78.852



65, 60.503, 208.852



65, 60.503, 258.852

Sweetspot

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



65, 60.500, 28.855



89, 15.658, 23.324



69, 84.705, 328.379



46, 10.559, 23.481



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 60.500, 28.855



60, 75.262, 31.905



80, 50.974, 71.359



50, 5.079, 22.790



40, 83.757, 40.346



10, 32.671, 28.852

Inverse Universe

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



91, 38.835, 200.884



90, 43.367, 200.970



71, 44.770, 270.816



52, 4.777, 202.041



68, 38.503, 201.963



23, 17.808, 201.261

Previews

White Background



This preview shows how the CIELCh color 65, 60.503, 28.852 looks on a white background.

Color Contrast Check

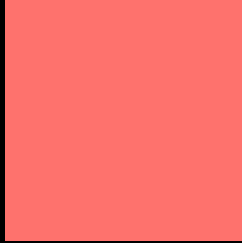
Large Text (above 18pt) WCAG AA × Fail

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 65, 60.503, 28.852 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 65, 60.503, 28.852

Background



This preview shows how black text looks on a background with the CIELCh color 65, 60.503, 28.852.



This preview shows how white text looks on a background with the CIELCh color 65, 60.503, 28.852.

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

65, 60.503, 28.852

Protanopia

65, 17.065, 94.400

Deuteranopia

65, 32.364, 75.243



Tritanopia
65, 59.308, 22.602

Trichromacy



Original Color
65, 60.503, 28.852

Protanomaly
64, 27.399, 46.222

Deuteranomaly
64, 39.148, 49.297

Tritanomaly
65, 59.567, 25.017

Monochromacy



Original Color
65, 60.503, 28.852

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 20.999, 24.488

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 60.503, 28.852 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(254, 114, 109)` looks like.

```
.text, #text, p{  
    color:rgb(254, 114, 109)  
}
```

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(254, 114, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 114, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 60.503, 28.852 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(254, 114, 109) }
```

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

```
.border{ border-color:rgb(254, 114, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 114, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 114, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 114, 109);  
box-shadow:4px 4px 4px 4px rgb(254, 114,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 60.503, 28.852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 114, 109) }
```

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

```
.background{ background-color: rgb(254,  
114, 109) }
```

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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