

Converting Colors

CIELCh(65, 61.722, 25.972)

Have a look what the booklet for
CIELCh(65, 61.722, 25.972) contains.

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Color

CIELCh(65, 61.090, 25.783)

Conversions

Conversions Part 1

Format	Color
Hex	FF7071
RGB	255, 112, 113
RGB Percent	100%, 44%, 44%
CMY	0.0000, 0.5627, 0.5551
CMYK	0.00, 0.56, 0.56, 0.00
HSL	359°, 100%, 72%
HSV	359°, 56%, 100%
XYZ	50.1931, 34.0472, 19.6818
YIQ	154.8710, 84.9070, 30.6270

Conversions

Conversions Part 2

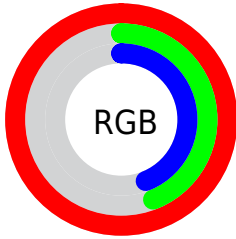
Format	Color
R_{YB}	255, 112, 113
Decimal	16740465
CIE _{Lab}	65.00, 55.01, 26.57
CIE _{LCh}	65, 61.090, 25.783
Yxy	34.0472, 0.4830, 0.3276
Android (android.graphics.Color)	4294930545 (0xFFFF7071)
YUV	154.8710, -20.6424, 87.8131
Hunter-Lab	58.3500, 51.4348, 20.8461

Details

The CIELCh color **65, 61.090, 25.783** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **93, 40.316, 195.501**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 34.974, 25.045**, and **45, 60.911, 26.230** is the 20% darker color. If you saturate the color by 10%, you get **60, 72.914, 28.615**, and if you desaturate by 10%, it is **70, 48.783, 23.514**.

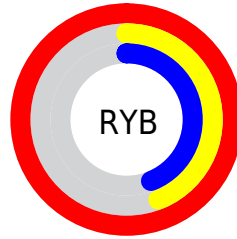
Distribution



Red (100%)

Green (44%)

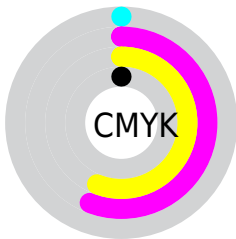
Blue (44%)



Red (100%)

Yellow (44%)

Blue (44%)

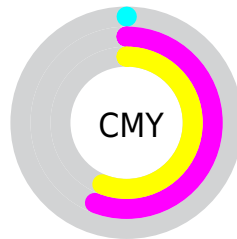


Cyan (0%)

Magenta (56%)

Yellow (56%)

Black (0%)



Cyan (0%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 61.090, 25.783 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, 61.090, 25.783 by changing the saturation by 10% instead.

65, 61.090, 25.783

65, 61.090, 25.783

100, 61.090,
25.783

55, 61.090, 25.783

85, 61.090, 25.783

45, 61.090, 25.783

95, 61.090, 25.783

35, 61.090, 25.783

25, 61.090, 25.783

15, 61.090, 25.783

5, 61.090, 25.783

0, 61.090, 25.783

65, 61.090, 25.783

65, 61.090, 25.783

60, 72.914, 28.615

70, 48.783, 23.514

■ 57, 84.475, 32.085

■ 76, 37.047, 21.790

■ 55, 94.791, 35.838

■ 82, 25.889, 20.465

■ 53, 102.217,
38.901

■ 89, 15.435, 19.433

■ 96, 5.723, 18.572

■ 53, 104.036,
39.626

100, 0.012,
296.813

Harmonies

Complementary

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



65, 61.090, 25.783



93, 40.316, 195.501

Rectangle

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



65, 61.090, 25.783



65, 61.090, 75.783



65, 61.090, 205.783



65, 61.090, 255.783

Sweetspot

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



65, 60.858, 25.756



88, 16.170, 19.500



69, 85.689, 326.812



46, 10.900, 19.692



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, 60.858, 25.756



60, 74.962, 29.174



79, 49.789, 66.636



49, 5.252, 18.846



40, 83.612, 39.465



10, 33.254, 26.637

Inverse Universe

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



65, 60.858, 25.756



60, 74.962, 29.174



73, 41.385, 265.079



49, 5.252, 18.846



40, 83.612, 39.465



10, 33.254, 26.637

Previews

White Background



This preview shows how the CIELCh color 65, 61.090, 25.783 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, 61.090, 25.783 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, 61.090, 25.783

Background



This preview shows how black text looks on a background with the CIELCh color 65, 61.090, 25.783.



This preview shows how white text looks on a background with the CIELCh color 65, 61.090, 25.783.

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, 60.780, 26.166

Protanopia

65, 13.236, 92.737

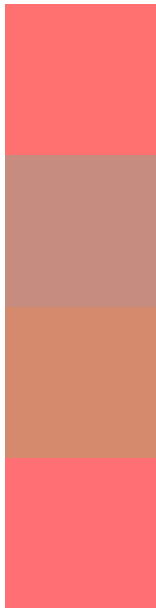
Deuteranopia

65, 29.743, 73.685



Tritanopia
65, 60.313, 23.313

Trichromacy



Original Color
65, 60.780, 26.166

Protanomaly
64, 25.761, 37.703

Deuteranomaly
64, 37.505, 46.122

Tritanomaly
65, 60.609, 24.310

Monochromacy



Original Color
65, 60.780, 26.166

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 21.240, 20.085

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 61.090, 25.783 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(255, 112, 113)` looks like.

```
.text, #text, p{  
    color:rgb(255, 112, 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(255, 112, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 112, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 61.090, 25.783 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(255, 112, 113) }
```

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

```
.border{ border-color:rgb(255, 112, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 112, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 112, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 112, 113);  
box-shadow:4px 4px 4px 4px rgb(255, 112,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 61.090, 25.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 112, 113) }
```

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

```
.background{ background-color: rgb(255,  
112, 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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