

Converting Colors

CIELCh(65, 61.081, 30.077)

Have a look what the booklet for
CIELCh(65, 61.081, 30.077) contains.

CIELCh(65, 61.112, 30.271)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(65, 61.112, 30.271)

Conversions

Conversions Part 1

Format	Color
Hex	FE726A
RGB	254, 114, 106
RGB Percent	100%, 45%, 42%
CMY	0.0049, 0.5537, 0.5851
CMYK	0.00, 0.55, 0.58, 0.00
HSL	3°, 98%, 71%
HSV	3°, 58%, 100%
XYZ	49.3672, 34.0472, 17.5528
YIQ	154.9480, 86.0080, 27.1920

Conversions

Conversions Part 2

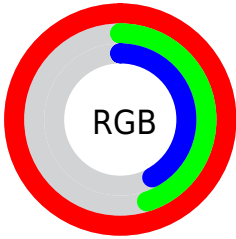
Format	Color
RYB	254, 114, 106
Decimal	16675434
CIELab	65.00, 52.78, 30.81
CIELCh	65, 61.112, 30.271
Yxy	34.0472, 0.4889, 0.3372
Android (android.graphics.Color)	4294865514 (0xFFFE726A)
YUV	154.9480, -24.1314, 86.8686
Hunter-Lab	58.3500, 48.9082, 23.0094

Details

The CIELCh color **65, 61.112, 30.271** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **90, 38.563, 203.303**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 35.834, 32.441**, and **45, 61.085, 30.100** is the 20% darker color. If you saturate the color by 10%, you get **61, 73.294, 32.649**, and if you desaturate by 10%, it is **70, 49.093, 28.396**.

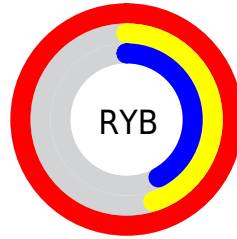
Distribution



Red (100%)

Green (45%)

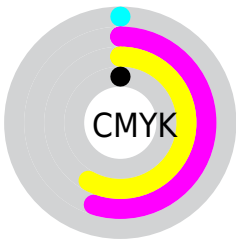
Blue (42%)



Red (100%)

Yellow (45%)

Blue (42%)

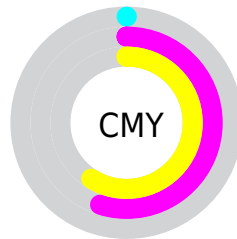


Cyan (0%)

Magenta (55%)

Yellow (58%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 61.112, 30.271 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, 61.112, 30.271 by changing the saturation by 10% instead.


 65, 61.112, 30.271

 65, 61.112, 30.271

 100, 61.112,
30.271

 55, 61.112, 30.271

 85, 61.112, 30.271


 45, 61.112, 30.271

 95, 61.112, 30.271


 35, 61.112, 30.271

 25, 61.112, 30.271

 15, 61.112, 30.271

 5, 61.112, 30.271

 0, 61.112, 30.271

 65, 61.112, 30.271

 65, 61.112, 30.271

 61, 73.294, 32.649

 70, 49.093, 28.396

■ 57, 85.127, 35.446

■ 76, 37.560, 26.960

■ 55, 95.578, 38.239

■ 82, 26.692, 25.881

■ 53, 102.607,
40.085

■ 88, 16.574, 25.071

■ 94, 7.216, 24.434

■ 53, 103.525,
40.392

■ 100, 0.434,
200.907

Harmonies

Complementary

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



65, 61.112, 30.271



90, 38.563, 203.303

Rectangle

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



65, 61.112, 30.271



65, 61.112, 80.271



65, 61.112, 210.271



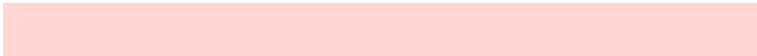
65, 61.112, 260.271

Sweetspot

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



65, 61.109, 30.274



89, 15.373, 24.981



68, 85.176, 328.965



46, 10.368, 25.122



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, 61.109, 30.274



60, 75.648, 33.105



81, 52.383, 72.772



50, 4.985, 24.507



40, 83.491, 40.544



10, 32.297, 29.814

Inverse Universe

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



90, 38.563, 203.303



89, 42.764, 203.632



69, 46.786, 272.864



52, 4.687, 203.899



67, 37.586, 205.422



22, 17.425, 204.258

Previews

White Background



This preview shows how the CIELCh color 65, 61.112, 30.271 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, 61.112, 30.271 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, 61.112, 30.271

Background



This preview shows how black text looks on a background with the CIELCh color 65, 61.112, 30.271.

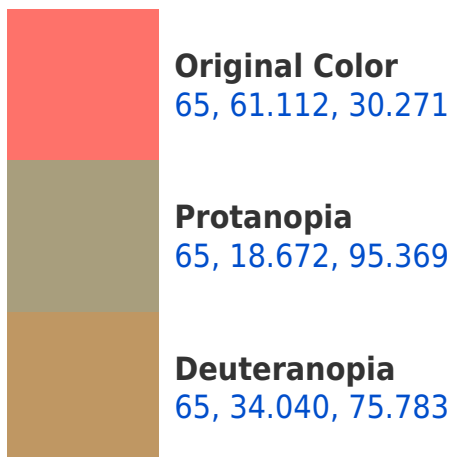


This preview shows how white text looks on a background with the CIELCh color 65, 61.112, 30.271.

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
65, 59.846, 23.186

Trichromacy



Original Color
65, 61.112, 30.271

Protanomaly
64, 28.342, 48.958

Deuteranomaly
64, 40.583, 50.773

Tritanomaly
65, 60.300, 26.064

Monochromacy



Original Color
65, 61.112, 30.271

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 21.098, 25.961

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 61.112, 30.271 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, 106)` looks like.

```
.text, #text, p{  
    color:rgb(254, 114, 106)  
}
```

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, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 114, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 61.112, 30.271 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, 106) }
```

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

```
.border{ border-color:rgb(254, 114, 106) }
```

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, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 114, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 114, 106);  
box-shadow:4px 4px 4px 4px rgb(254, 114,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 61.112, 30.271 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, 106) }
```

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

```
.background{ background-color: rgb(254,  
114, 106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor