

Converting Colors

CIELCh(65, 59.774, 22.734)

Have a look what the booklet for
CIELCh(65, 59.774, 22.734) contains.

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Color

CIELCh(65, 59.708, 22.679)

Conversions

Conversions Part 1

Format	Color
Hex	FF7078
RGB	255, 112, 120
RGB Percent	100%, 44%, 47%
CMY	0.0015, 0.5621, 0.5306
CMYK	0.00, 0.56, 0.53, 0.00
HSL	357°, 99%, 72%
HSV	357°, 56%, 100%
XYZ	50.2240, 34.0472, 21.5944
YIQ	155.6690, 82.6600, 32.8040

Conversions

Conversions Part 2

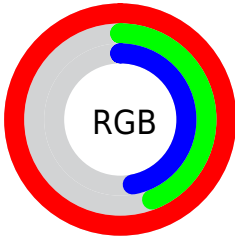
Format	Color
R _Y B	255, 112, 120
Decimal	16740472
CIE Lab	65.00, 55.09, 23.02
CIE LCh	65, 59.708, 22.679
Yxy	34.0472, 0.4744, 0.3216
Android (android.graphics.Color)	4294930552 (0xFFFF7078)
YUV	155.6690, -17.5848, 87.1133
Hunter-Lab	58.3500, 51.5294, 18.9026

Details

The CIELCh color **65, 59.708, 22.679** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **92, 41.055, 191.019**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 34.412, 19.023**, and **45, 59.600, 22.523** is the 20% darker color. If you saturate the color by 10%, you get **61, 71.238, 25.638**, and if you desaturate by 10%, it is **70, 48.038, 20.364**.

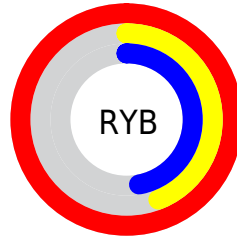
Distribution



Red (100%)

Green (44%)

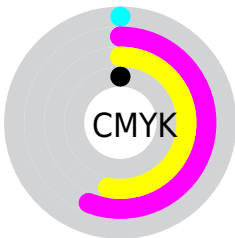
Blue (47%)



Red (100%)

Yellow (44%)

Blue (47%)

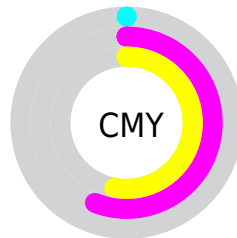


Cyan (0%)

Magenta (56%)

Yellow (53%)

Black (0%)



Cyan (0%)

Magenta (56%)

Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 59.708, 22.679 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, 59.708, 22.679 by changing the saturation by 10% instead.

 65, 59.708, 22.679

 65, 59.708, 22.679

 100, 59.708,
22.679

 55, 59.708, 22.679

 85, 59.708, 22.679

 45, 59.708, 22.679

 95, 59.708, 22.679

 35, 59.708, 22.679

 25, 59.708, 22.679

 15, 59.708, 22.679

 5, 59.708, 22.679

 0, 59.708, 22.679

 65, 59.708, 22.679

 65, 59.708, 22.679

 61, 71.238, 25.638

 70, 48.038, 20.364

■ 57, 82.219, 29.281

■ 76, 36.593, 18.564

■ 55, 92.145, 33.421

■ 82, 25.626, 17.158

■ 53, 100.049,
37.345

■ 89, 15.279, 16.040

■ 96, 5.608, 15.088

■ 53, 102.287,
38.444

100, 0.135,
204.302

Harmonies

Complementary

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



65, 59.708, 22.679



92, 41.055, 191.019

Rectangle

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



65, 59.708, 22.679



65, 59.708, 72.679



65, 59.708, 202.679



65, 59.708, 252.679

Sweetspot

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



65, 59.705, 22.682



88, 16.160, 16.127



68, 84.820, 325.265



46, 10.887, 16.337



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, 59.705, 22.682



60, 72.298, 25.925



78, 49.406, 61.736



50, 5.261, 15.405



40, 81.888, 37.884



10, 32.918, 24.920

Inverse Universe

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



65, 59.705, 22.682



60, 72.298, 25.925



75, 38.753, 258.905



50, 5.261, 15.405



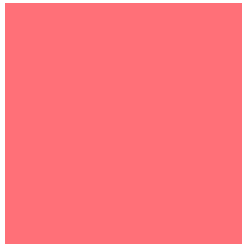
40, 81.888, 37.884



10, 32.918, 24.920

Previews

White Background



This preview shows how the CIELCh color 65, 59.708, 22.679 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, 59.708, 22.679 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, 59.708, 22.679

Background



This preview shows how black text looks on a background with the CIELCh color 65, 59.708, 22.679.



This preview shows how white text looks on a background with the CIELCh color 65, 59.708, 22.679.

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, 59.708, 22.679

Protanopia

65, 9.800, 92.550

Deuteranopia

65, 26.685, 71.160



Tritanopia
65, 59.846, 23.186

Trichromacy



Original Color
65, 59.708, 22.679

Protanomaly
64, 24.299, 32.051

Deuteranomaly
64, 35.300, 42.100

Tritanomaly
65, 59.846, 23.186

Monochromacy



Original Color
65, 59.708, 22.679

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 21.174, 17.114

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 59.708, 22.679 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(255, 112, 120)  
}
```

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, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 112, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 59.708, 22.679 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, 120) }
```

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

```
.border{ border-color:rgb(255, 112, 120) }
```

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, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 112, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 112, 120);  
box-shadow:4px 4px 4px 4px rgb(255, 112,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 59.708, 22.679 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, 120) }
```

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

```
.background{ background-color: rgb(255,  
112, 120) }
```

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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