

Converting Colors

CIELCh(59, 72.258, 27.631)

Have a look what the booklet for
CIELCh(59, 72.258, 27.631) contains.

CIELCh(59, 72.249, 27.797)	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(59, 72.249, 27.797)

Conversions

Conversions Part 1

Format	Color
Hex	FA5257
RGB	250, 82, 87
RGB Percent	98%, 32%, 34%
CMY	0.0198, 0.6786, 0.6590
CMYK	0.00, 0.67, 0.65, 0.02
HSL	358°, 94%, 65%
HSV	358°, 67%, 98%
XYZ	44.1360, 27.0277, 11.8983
YIQ	132.8020, 98.5230, 37.1710

Conversions

Conversions Part 2

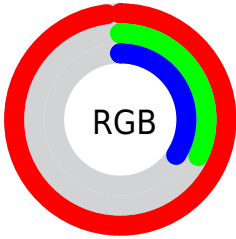
Format	Color
RYB	250, 82, 87
Decimal	16405079
CIELab	59.00, 63.91, 33.69
CIELCh	59, 72.249, 27.797
Yxy	27.0277, 0.5314, 0.3254
Android (android.graphics.Color)	4294595159 (0xFFFA5257)
YUV	132.8020, -22.5804, 102.7826
Hunter-Lab	51.9882, 60.5603, 22.8223

Details

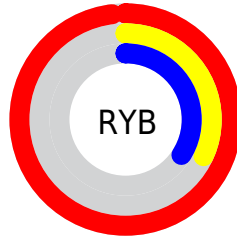
The CIELCh color **59, 72.249, 27.797** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **90, 44.493, 193.264**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 47.983, 26.131**, and **39, 72.052, 27.550** is the 20% darker color. If you saturate the color by 10%, you get **56, 83.341, 31.392**, and if you desaturate by 10%, it is **63, 60.602, 24.840**.

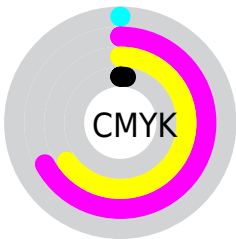
Distribution



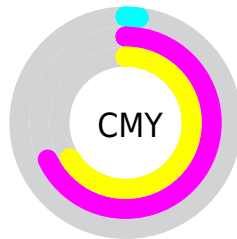
- Red (98%)
- Green (32%)
- Blue (34%)



- Red (98%)
- Yellow (32%)
- Blue (34%)



- Cyan (0%)
- Magenta (67%)
- Yellow (65%)
- Black (2%)



- Cyan (2%)
- Magenta (68%)
- Yellow (66%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 72.249, 27.797 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 59, 72.249, 27.797 by changing the saturation by 10% instead.

 59, 72.249, 27.797

 59, 72.249, 27.797

 100, 72.249,
27.797

 49, 72.249, 27.797

 79, 72.249, 27.797

 39, 72.249, 27.797

 89, 72.249, 27.797

 29, 72.249, 27.797

 99, 72.249, 27.797

 19, 72.249, 27.797

 9, 72.249, 27.797

 0, 72.249, 27.797

 59, 72.249, 27.797

 59, 72.249, 27.797

 56, 83.341, 31.392

 63, 60.602, 24.840

 53, 93.224, 35.307

 68, 48.862, 22.514

■ 52, 100.465,
38.603

■ 74, 37.384, 20.716

■ 52, 101.835,
39.168

■ 80, 26.419, 19.325

■ 87, 16.106, 18.236

■ 93, 6.497, 17.333

■ 100, 1.755,
199.671

Harmonies

Complementary

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



59, 72.249, 27.797



90, 44.493, 193.264

Rectangle

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



59, 72.249, 27.797



59, 72.249, 77.797



59, 72.249, 207.797



59, 72.249, 257.797

Sweetspot

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



59, 72.246, 27.800



86, 19.226, 18.517



64, 96.446, 326.639



44, 13.254, 18.817



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 72.246, 27.800



56, 88.706, 32.905



74, 59.691, 63.655



49, 5.167, 17.534



39, 82.076, 38.829



9, 31.978, 24.951

Inverse Universe

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



59, 72.246, 27.800



56, 88.706, 32.905



68, 46.866, 266.906



49, 5.167, 17.534



39, 82.076, 38.829



9, 31.978, 24.951

Previews

White Background



This preview shows how the CIELCh color 59, 72.249, 27.797 looks on a white background.

Color Contrast Check

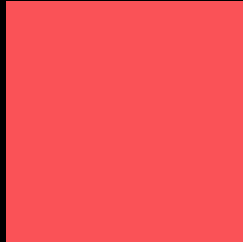
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 72.249, 27.797 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 72.249, 27.797

Background



This preview shows how black text looks on a background with the CIELCh color 59, 72.249, 27.797.



This preview shows how white text looks on a background with the CIELCh color 59, 72.249, 27.797.

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

59, 72.249, 27.797

Protanopia

59, 17.946, 94.458

Deuteranopia

59, 37.142, 78.430



Tritanopia
59, 72.459, 28.201

Trichromacy



Original Color
59, 72.249, 27.797

Protanomaly
57, 32.271, 40.477

Deuteranomaly
58, 45.522, 47.930

Tritanomaly
59, 72.459, 28.201

Monochromacy



Original Color
59, 72.249, 27.797

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 26.366, 20.108

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 72.249, 27.797 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(250, 82, 87)` looks like.

```
.text, #text, p{  
    color:rgb(250, 82, 87)  
}
```

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(250, 82, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 82, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 72.249, 27.797 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(250, 82, 87) }
```

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

```
.border{ border-color:rgb(250, 82, 87) }
```

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

Here you see how a box with a 4 pixel rgb(250, 82, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 82, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 82, 87);  
box-shadow:4px 4px 4px 4px rgb(250, 82,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 72.249, 27.797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 82, 87) }
```

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

```
.background{ background-color: rgb(250, 82,  
87) }
```

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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