

Converting Colors

CIELCh(58, 79.590, 26.453)

Have a look what the booklet for
CIELCh(58, 79.590, 26.453) contains.

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Color

CIELCh(58, 79.222, 26.321)

Conversions

Conversions Part 1

Format	Color
Hex	FF4253
RGB	255, 66, 83
RGB Percent	100%, 26%, 33%
CMY	0.0000, 0.7411, 0.6757
CMYK	0.00, 0.74, 0.68, 0.00
HSL	355°, 100%, 63%
HSV	355°, 74%, 100%
XYZ	45.0958, 25.9610, 10.7577
YIQ	124.4490, 107.1870, 45.3550

Conversions

Conversions Part 2

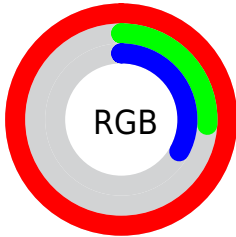
Format	Color
R_{YB}	255, 66, 83
Decimal	16728659
CIE _{Lab}	58.00, 71.01, 35.13
CIE _{LCh}	58, 79.222, 26.321
Yxy	25.9610, 0.5512, 0.3173
Android (android.graphics.Color)	4294918739 (0xFFFF4253)
YUV	124.4490, -20.4344, 114.4932
Hunter-Lab	50.9519, 68.8182, 23.1482

Details

The CIELCh color **58, 79.222, 26.321** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed red. A complement of this color would be **91, 49.453, 186.196**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 53.073, 22.484**, and **40, 74.562, 29.570** is the 20% darker color. If you saturate the color by 10%, you get **55, 88.620, 30.501**, and if you desaturate by 10%, it is **62, 68.158, 22.659**.

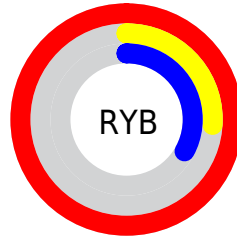
Distribution



Red (100%)

Green (26%)

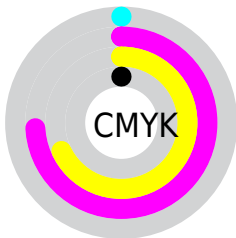
Blue (33%)



Red (100%)

Yellow (26%)

Blue (33%)

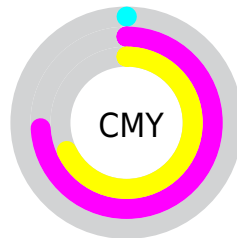


Cyan (0%)

Magenta (74%)

Yellow (68%)

Black (0%)



Cyan (0%)

Magenta (74%)

Yellow (68%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 79.222, 26.321 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 58, 79.222, 26.321 by changing the saturation by 10% instead.

 58, 79.222, 26.321

 58, 79.222, 26.321

 100, 79.222,
26.321

 48, 79.222, 26.321

 78, 79.222, 26.321

 38, 79.222, 26.321

 88, 79.222, 26.321

 28, 79.222, 26.321

 98, 79.222, 26.321

 18, 79.222, 26.321

 8, 79.222, 26.321

 0, 79.222, 26.321

 58, 79.222, 26.321

 58, 79.222, 26.321

 55, 88.620, 30.501

 62, 68.158, 22.659

 54, 96.937, 34.981

 66, 56.904, 19.793

53, 100.844,
37.236

72, 45.495, 17.549

78, 34.279, 15.793

84, 23.505, 14.403

90, 13.310, 13.278

97, 3.749, 12.256

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.



58, 79.222, 26.321



91, 49.453, 186.196

Rectangle

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



58, 79.222, 26.321



58, 79.222, 76.321



58, 79.222, 206.321



58, 79.222, 256.321

Sweetspot

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



58, 78.858, 26.247



85, 21.302, 14.147



61, 104.123, 324.598



43, 14.438, 14.479



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 78.858, 26.247



54, 92.916, 32.713



70, 68.405, 56.836



50, 5.280, 12.817



40, 80.523, 36.527



10, 32.683, 23.600

Inverse Universe

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



58, 78.858, 26.247



54, 92.916, 32.713



70, 47.029, 260.996



50, 5.280, 12.817



40, 80.523, 36.527



10, 32.683, 23.600

Previews

White Background



This preview shows how the CIELCh color 58, 79.222, 26.321 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 CIE LCh color 58, 79.222, 26.321 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 58, 79.222, 26.321

Background



This preview shows how black text looks on a background with the CIELCh color 58, 79.222, 26.321.

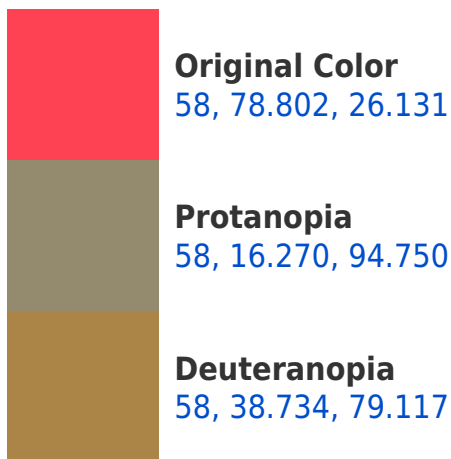


This preview shows how white text looks on a background with the CIELCh color 58, 79.222, 26.321.

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
58, 81.050, 30.852

Trichromacy



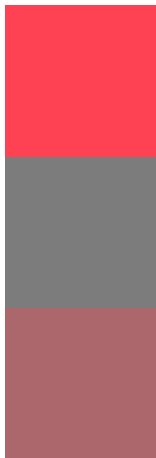
Original Color
58, 78.802, 26.131

Protanomaly
55, 34.099, 33.491

Deuteranomaly
56, 48.406, 45.606

Tritanomaly
58, 80.314, 29.260

Monochromacy



Original Color
58, 78.802, 26.131

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 29.683, 16.723

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 79.222, 26.321 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, 66, 83)` looks like.

```
.text, #text, p{  
    color:rgb(255, 66, 83)  
}
```

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, 66, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 79.222, 26.321 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, 66, 83) }
```

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

```
.border{ border-color:rgb(255, 66, 83) }
```

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

Here you see how a box with a 4 pixel rgb(255, 66, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 83);  
box-shadow:4px 4px 4px 4px rgb(255, 66,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 79.222, 26.321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 66, 83) }
```

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

```
.background{ background-color: rgb(255, 66,  
83) }
```

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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