

Converting Colors

CIELCh(58, 76.763, 22.904)

Have a look what the booklet for
CIELCh(58, 76.763, 22.904) contains.

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Color

CIELCh(58, 76.914, 22.816)

Conversions

Conversions Part 1

Format	Color
Hex	FF435C
RGB	255, 67, 92
RGB Percent	100%, 26%, 36%
CMY	0.0010, 0.7383, 0.6400
CMYK	0.00, 0.74, 0.64, 0.00
HSL	352°, 100%, 63%
HSV	352°, 74%, 100%
XYZ	45.0567, 25.9610, 12.7165
YIQ	126.0620, 104.0230, 47.6310

Conversions

Conversions Part 2

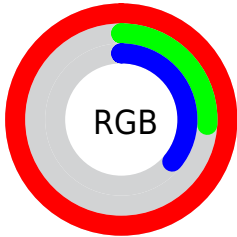
Format	Color
R_{YB}	255, 67, 92
Decimal	16728924
CIE _{Lab}	58.00, 70.90, 29.83
CIE _{LCh}	58, 76.914, 22.816
Yxy	25.9610, 0.5381, 0.3100
Android (android.graphics.Color)	4294919004 (0xFFFF435C)
YUV	126.0620, -16.7926, 113.0786
Hunter-Lab	50.9519, 68.6812, 20.8688

Details

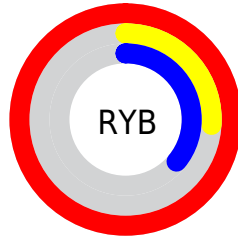
The CIELCh color **58, 76.914, 22.816** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed red. A complement of this color would be **91, 51.239, 181.434**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 51.787, 17.109**, and **40, 72.721, 25.945** is the 20% darker color. If you saturate the color by 10%, you get **55, 86.012, 27.208**, and if you desaturate by 10%, it is **62, 66.802, 19.200**.

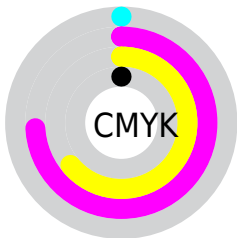
Distribution



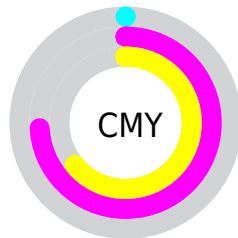
- Red (100%)
- Green (26%)
- Blue (36%)



- Red (100%)
- Yellow (26%)
- Blue (36%)



- Cyan (0%)
- Magenta (74%)
- Yellow (64%)
- Black (0%)



- Cyan (0%)
- Magenta (74%)
- Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 76.914, 22.816 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, 76.914, 22.816 by changing the saturation by 10% instead.

 58, 76.914, 22.816

 58, 76.914, 22.816

 100, 76.914,
22.816

 48, 76.914, 22.816

 78, 76.914, 22.816

 38, 76.914, 22.816

 88, 76.914, 22.816

 28, 76.914, 22.816

 98, 76.914, 22.816

 18, 76.914, 22.816

 8, 76.914, 22.816

 0, 76.914, 22.816

 58, 76.914, 22.816

 58, 76.914, 22.816

 55, 86.012, 27.208

 62, 66.802, 19.200

 54, 93.891, 32.103

 66, 56.004, 16.329

■ 53, 98.110, 34.979

■ 72, 44.918, 14.075

■ 78, 33.911, 12.295

■ 84, 23.247, 10.868

■ 91, 13.085, 9.693

■ 97, 3.494, 8.606

100, 0.092,
206.624

Harmonies

Complementary

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



58, 76.914, 22.816



91, 51.239, 181.434

Rectangle

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



58, 76.914, 22.816



58, 76.914, 72.816



58, 76.914, 202.816



58, 76.914, 252.816

Sweetspot

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



58, 76.910, 22.818



85, 21.396, 10.641



60, 103.715, 323.510



44, 14.489, 10.986



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, 76.910, 22.818



54, 90.354, 29.729



69, 68.720, 54.050



50, 5.325, 9.239



40, 78.330, 34.111



10, 32.382, 21.723

Inverse Universe

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



58, 76.910, 22.818



54, 90.354, 29.729



72, 44.791, 255.972



50, 5.325, 9.239



40, 78.330, 34.111



10, 32.382, 21.723

Previews

White Background



This preview shows how the CIELCh color 58, 76.914, 22.816 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, 76.914, 22.816 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, 76.914, 22.816

Background



This preview shows how black text looks on a background with the CIELCh color 58, 76.914, 22.816.

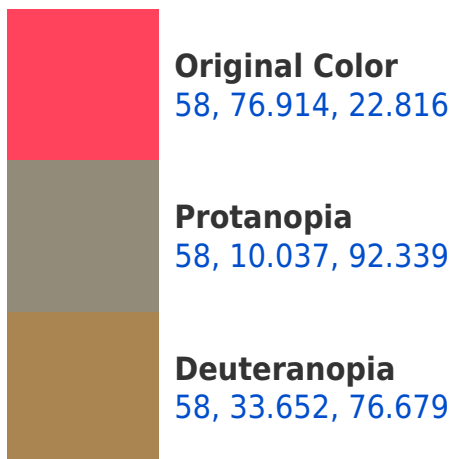


This preview shows how white text looks on a background with the CIELCh color 58, 76.914, 22.816.

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](#).

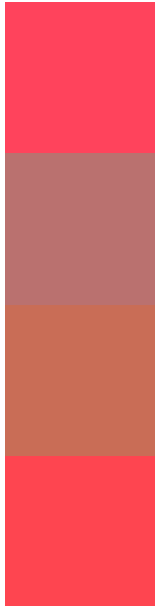
Dichromacy





Tritanopia
58, 79.764, 30.511

Trichromacy



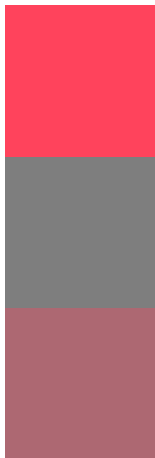
Original Color
58, 76.914, 22.816

Protanomaly
55, 31.594, 25.140

Deuteranomaly
56, 44.841, 40.286

Tritanomaly
58, 78.389, 27.771

Monochromacy



Original Color
58, 76.914, 22.816

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 29.576, 12.271

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 76.914, 22.816 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, 67, 92)` looks like.

```
.text, #text, p{  
    color:rgb(255, 67, 92)  
}
```

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, 67, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 67, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 76.914, 22.816 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, 67, 92) }
```

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

```
.border{ border-color:rgb(255, 67, 92) }
```

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

Here you see how a box with a 4 pixel rgb(255, 67, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 67, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 67, 92);  
box-shadow:4px 4px 4px 4px rgb(255, 67,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 76.914, 22.816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 67, 92) }
```

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

```
.background{ background-color: rgb(255, 67,  
92) }
```

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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