

Converting Colors

CIELCh(58, 79.127, 25.877)

Have a look what the booklet for
CIELCh(58, 79.127, 25.877) contains.

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Color

CIELCh(58, 78.602, 25.752)

Conversions

Conversions Part 1

Format	Color
Hex	FF4354
RGB	255, 67, 84
RGB Percent	100%, 26%, 33%
CMY	0.0000, 0.7391, 0.6691
CMYK	0.00, 0.74, 0.67, 0.00
HSL	354°, 100%, 63%
HSV	354°, 74%, 100%
XYZ	45.0219, 25.9610, 11.1021
YIQ	125.1500, 106.5910, 45.1430

Conversions

Conversions Part 2

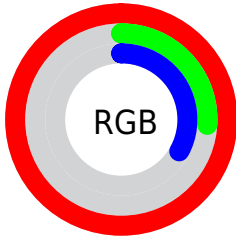
Format	Color
RYB	255, 67, 84
Decimal	16728916
CIELab	58.00, 70.80, 34.15
CIElCh	58, 78.602, 25.752
Yxy	25.9610, 0.5485, 0.3163
Android (android.graphics.Color)	4294918996 (0xFFFF4354)
YUV	125.1500, -20.2869, 113.8785
Hunter-Lab	50.9519, 68.5594, 22.7474

Details

The CIELCh color **58, 78.602, 25.752** 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, 49.641, 185.520**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 52.489, 21.799**, and **40, 74.306, 29.172** is the 20% darker color. If you saturate the color by 10%, you get **55, 88.101, 29.983**, and if you desaturate by 10%, it is **62, 67.780, 22.128**.

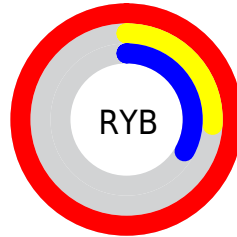
Distribution



Red (100%)

Green (26%)

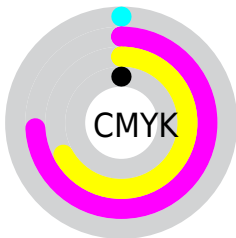
Blue (33%)



Red (100%)

Yellow (26%)

Blue (33%)

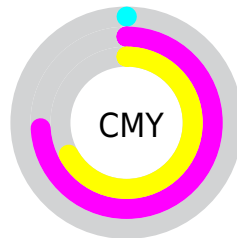


Cyan (0%)

Magenta (74%)

Yellow (67%)

Black (0%)



Cyan (0%)

Magenta (74%)

Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 78.602, 25.752 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, 78.602, 25.752 by changing the saturation by 10% instead.

 58, 78.602, 25.752

 58, 78.602, 25.752

 100, 78.602,
25.752

 48, 78.602, 25.752

 78, 78.602, 25.752

 38, 78.602, 25.752

 88, 78.602, 25.752

 28, 78.602, 25.752

 98, 78.602, 25.752

 18, 78.602, 25.752

 8, 78.602, 25.752

 0, 78.602, 25.752

 58, 78.602, 25.752

 58, 78.602, 25.752

 55, 88.101, 29.983

 62, 67.780, 22.128

 54, 96.405, 34.537

 66, 56.586, 19.269

53, 100.498,
36.957

72, 45.224, 17.031

78, 34.045, 15.277

84, 23.297, 13.885

91, 13.117, 12.755

97, 3.564, 11.719

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, 78.602, 25.752



91, 49.641, 185.520

Rectangle

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



58, 78.602, 25.752



58, 78.602, 75.752



58, 78.602, 205.752



58, 78.602, 255.752

Sweetspot

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



58, 78.409, 25.712



85, 21.310, 13.653



61, 103.946, 324.596



43, 14.442, 13.986



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, 78.409, 25.712



54, 92.549, 32.315



70, 68.192, 56.857



50, 5.285, 12.311



40, 80.231, 36.222



10, 32.638, 23.339

Inverse Universe

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



58, 78.409, 25.712



54, 92.549, 32.315



70, 46.925, 260.910



50, 5.285, 12.311



40, 80.231, 36.222



10, 32.638, 23.339

Previews

White Background



This preview shows how the CIELCh color 58, 78.602, 25.752 looks on a white background.

Color Contrast Check

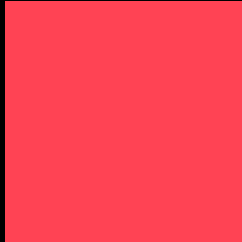
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 78.602, 25.752 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, 78.602, 25.752

Background



This preview shows how black text looks on a background with the CIELCh color 58, 78.602, 25.752.



This preview shows how white text looks on a background with the CIELCh color 58, 78.602, 25.752.

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

58, 78.380, 25.943

Protanopia

58, 15.176, 93.953

Deuteranopia

58, 37.772, 78.581



Tritanopia
58, 80.599, 30.706

Trichromacy



Original Color
58, 78.380, 25.943

Protanomaly
55, 33.385, 32.674

Deuteranomaly
56, 47.747, 44.590

Tritanomaly
58, 79.873, 29.098

Monochromacy



Original Color
58, 78.380, 25.943

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 29.206, 16.528

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 78.602, 25.752 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, 84)` looks like.

```
.text, #text, p{  
  color:rgb(255, 67, 84)  
}
```

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, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 67, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 78.602, 25.752 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, 84) }
```

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

```
.border{ border-color:rgb(255, 67, 84) }
```

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, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 67, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 67, 84);  
box-shadow:4px 4px 4px 4px rgb(255, 67,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 78.602, 25.752 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, 84) }
```

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

```
.background{ background-color: rgb(255, 67,  
84) }
```

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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