

Converting Colors

CIELCh(59, 74.992, 23.881)

Have a look what the booklet for
CIELCh(59, 74.992, 23.881) contains.

CIELCh(59, 75.048, 23.830)	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, 75.048, 23.830)

Conversions

Conversions Part 1

Format	Color
Hex	FF4A5D
RGB	255, 74, 93
RGB Percent	100%, 29%, 36%
CMY	0.0000, 0.7088, 0.6346
CMYK	0.00, 0.71, 0.63, 0.00
HSL	354°, 100%, 65%
HSV	354°, 71%, 100%
XYZ	45.7763, 27.0277, 13.2018
YIQ	130.2850, 101.7770, 44.2810

Conversions

Conversions Part 2

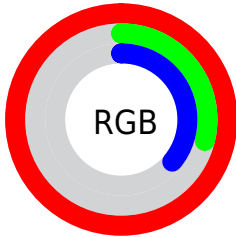
Format	Color
R_{YB}	255, 74, 93
Decimal	16730717
CIE Lab	59.00, 68.65, 30.32
CIE LCh	59, 75.048, 23.830
Yxy	27.0277, 0.5322, 0.3143
Android (android.graphics.Color)	4294920797 (0xFFFF4A5D)
YUV	130.2850, -18.3815, 109.3751
Hunter-Lab	51.9882, 66.1920, 21.3358

Details

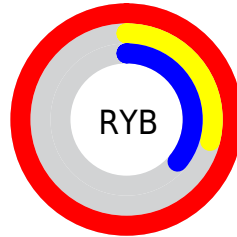
The CIELCh color **59, 75.048, 23.830** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed red. A complement of this color would be **91, 48.989, 184.730**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 49.426, 19.279**, and **40, 72.721, 25.945** is the 20% darker color. If you saturate the color by 10%, you get **56, 84.817, 27.925**, and if you desaturate by 10%, it is **63, 64.243, 20.439**.

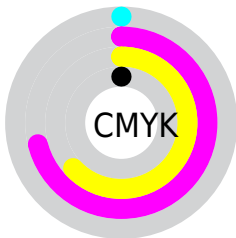
Distribution



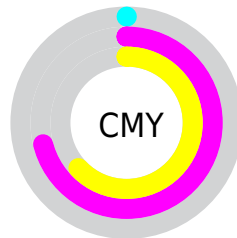
- Red (100%)
- Green (29%)
- Blue (36%)



- Red (100%)
- Yellow (29%)
- Blue (36%)



- Cyan (0%)
- Magenta (71%)
- Yellow (63%)
- Black (0%)



- Cyan (0%)
- Magenta (71%)
- Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 75.048, 23.830 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, 75.048, 23.830 by changing the saturation by 10% instead.

 59, 75.048, 23.830

 59, 75.048, 23.830

 100, 75.048,
23.830

 49, 75.048, 23.830

 79, 75.048, 23.830

 39, 75.048, 23.830

 89, 75.048, 23.830

 29, 75.048, 23.830

 99, 75.048, 23.830

 19, 75.048, 23.830

 9, 75.048, 23.830

 0, 75.048, 23.830

 59, 75.048, 23.830

 59, 75.048, 23.830

 56, 84.817, 27.925

 63, 64.243, 20.439

 54, 93.485, 32.547

 68, 53.053, 17.774

■ 53, 99.923, 36.485

■ 73, 41.778, 15.687

■ 80, 30.745, 14.044

■ 86, 20.174, 12.729

■ 93, 10.180, 11.642

■ 99, 0.802, 10.036

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.



59, 75.048, 23.830



91, 48.989, 184.730

Rectangle

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



59, 75.048, 23.830



59, 75.048, 73.830



59, 75.048, 203.830



59, 75.048, 253.830

Sweetspot

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



59, 74.955, 23.811



86, 20.293, 12.742



61, 101.144, 324.026



44, 13.854, 13.079



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, 74.955, 23.811



55, 88.553, 29.794



71, 65.309, 55.694



50, 5.294, 11.503



40, 79.749, 35.710



10, 32.569, 22.918

Inverse Universe

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



59, 74.955, 23.811



55, 88.553, 29.794



72, 44.401, 257.283



50, 5.294, 11.503



40, 79.749, 35.710



10, 32.569, 22.918

Previews

White Background



This preview shows how the CIELCh color 59, 75.048, 23.830 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, 75.048, 23.830 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, 75.048, 23.830

Background



This preview shows how black text looks on a background with the CIELCh color 59, 75.048, 23.830.



This preview shows how white text looks on a background with the CIELCh color 59, 75.048, 23.830.

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, 75.048, 23.830

Protanopia

59, 12.178, 95.032

Deuteranopia

59, 33.994, 77.152



Tritanopia
59, 76.560, 29.509

Trichromacy



Original Color
59, 75.048, 23.830

Protanomaly
57, 31.091, 29.014

Deuteranomaly
57, 44.330, 42.990

Tritanomaly
59, 75.708, 27.375

Monochromacy



Original Color
59, 75.048, 23.830

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 27.633, 14.658

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 75.048, 23.830 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, 74, 93)` looks like.

```
.text, #text, p{  
    color:rgb(255, 74, 93)  
}
```

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, 74, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 74, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 75.048, 23.830 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, 74, 93) }
```

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

```
.border{ border-color:rgb(255, 74, 93) }
```

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

Here you see how a box with a 4 pixel rgb(255, 74, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 74, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 74, 93);  
box-shadow:4px 4px 4px 4px rgb(255, 74,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 75.048, 23.830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 74, 93) }
```

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

```
.background{ background-color: rgb(255, 74,  
93) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor