

Converting Colors

CIELCh(55, 72.096, 19.172)

Have a look what the booklet for
CIELCh(55, 72.096, 19.172) contains.

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Color

CIELCh(55, 72.015, 19.053)

Conversions

Conversions Part 1

Format	Color
Hex	F03F5F
RGB	240, 63, 95
RGB Percent	94%, 25%, 37%
CMY	0.0585, 0.7526, 0.6272
CMYK	0.00, 0.74, 0.60, 0.06
HSL	349°, 86%, 59%
HSV	349°, 74%, 94%
XYZ	39.8113, 22.9298, 13.1682
YIQ	119.5710, 95.2200, 47.4760

Conversions

Conversions Part 2

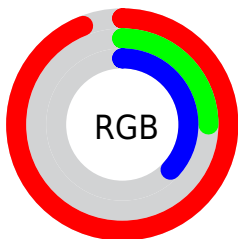
Format	Color
R_{YB}	240, 63, 95
Decimal	15744863
CIE _{Lab}	55.00, 68.07, 23.51
CIE _{LCh}	55, 72.015, 19.053
Yxy	22.9298, 0.5245, 0.3021
Android (android.graphics.Color)	4293934943 (0xFFFF03F5F)
YUV	119.5710, -12.1135, 105.6162
Hunter-Lab	47.8851, 64.6045, 17.2151

Details

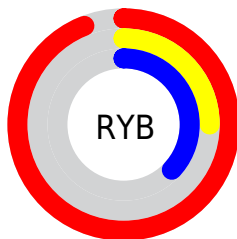
The CIELCh color **55, 72.015, 19.053** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **86, 51.080, 176.831**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 53.229, 13.678**, and **37, 67.384, 22.977** is the 20% darker color. If you saturate the color by 10%, you get **52, 80.009, 23.462**, and if you desaturate by 10%, it is **59, 62.923, 15.483**.

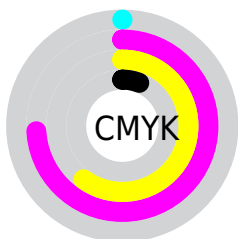
Distribution



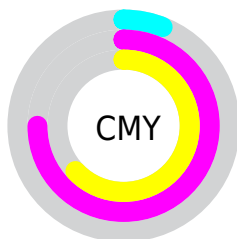
- Red (94%)
- Green (25%)
- Blue (37%)



- Red (94%)
- Yellow (25%)
- Blue (37%)



- Cyan (0%)
- Magenta (74%)
- Yellow (60%)
- Black (6%)



- Cyan (6%)
- Magenta (75%)
- Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 72.015, 19.053 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 55, 72.015, 19.053 by changing the saturation by 10% instead.

 55, 72.015, 19.053

 55, 72.015, 19.053

 100, 72.015,
19.053

 45, 72.015, 19.053

 75, 72.015, 19.053

 35, 72.015, 19.053

 85, 72.015, 19.053

 25, 72.015, 19.053

 95, 72.015, 19.053

 15, 72.015, 19.053

 5, 72.015, 19.053

 0, 72.015, 19.053

 55, 72.015, 19.053

 55, 72.015, 19.053

 52, 80.009, 23.462

 59, 62.923, 15.483

 51, 86.860, 28.575

 63, 53.027, 12.659

50, 90.740, 31.815

68, 42.720, 10.433

74, 32.371, 8.659

80, 22.255, 7.219

86, 12.539, 6.018

92, 3.308, 4.894

99, 5.342, 185.003

99, 5.137, 199.209

Harmonies

Complementary

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



55, 72.015, 19.053



86, 51.080, 176.831

Rectangle

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



55, 72.015, 19.053



55, 72.015, 69.053



55, 72.015, 199.053



55, 72.015, 249.053

Sweetspot

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



55, 72.011, 19.055



85, 21.586, 7.007



55, 98.871, 321.900



44, 14.603, 7.360



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



55, 72.011, 19.055



55, 87.166, 25.730



63, 66.642, 50.038



47, 5.126, 5.555



38, 73.528, 30.845



8, 29.060, 16.406

Inverse Universe

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



55, 72.011, 19.055



55, 87.166, 25.730



71, 40.400, 247.877



47, 5.126, 5.555



38, 73.528, 30.845



8, 29.060, 16.406

Previews

White Background



This preview shows how the CIELCh color 55, 72.015, 19.053 looks on a white background.

Color Contrast Check

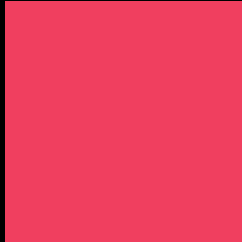
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 72.015, 19.053 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 55, 72.015, 19.053

Background



This preview shows how black text looks on a background with the CIELCh color 55, 72.015, 19.053.

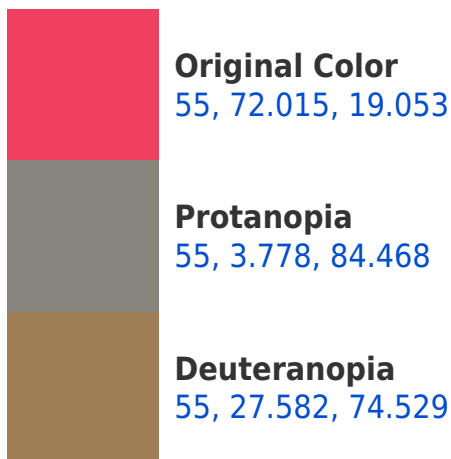


This preview shows how white text looks on a background with the CIELCh color 55, 72.015, 19.053.

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](#).

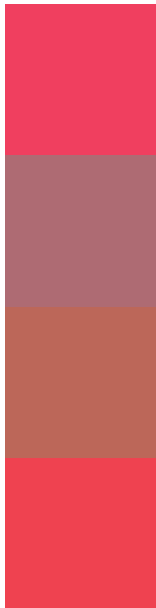
Dichromacy





Tritanopia
55, 74.888, 30.032

Trichromacy



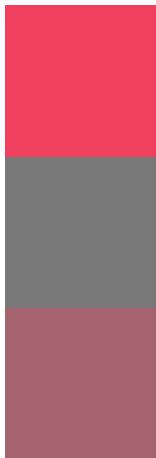
Original Color
55, 72.015, 19.053

Protanomaly
53, 28.600, 13.985

Deuteranomaly
53, 39.838, 35.233

Tritanomaly
55, 73.379, 26.006

Monochromacy



Original Color
55, 72.015, 19.053

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 28.187, 9.181

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 72.015, 19.053 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(240, 63, 95)` looks like.

```
.text, #text, p{  
    color:rgb(240, 63, 95)  
}
```

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(240, 63, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 63, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 72.015, 19.053 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(240, 63, 95) }
```

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

```
.border{ border-color:rgb(240, 63, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 63, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 63, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 63, 95);  
box-shadow:4px 4px 4px 4px rgb(240, 63,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 72.015, 19.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 63, 95) }
```

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

```
.background{ background-color: rgb(240, 63,  
95) }
```

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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