

Converting Colors

CIELCh(56, 79.773, 35.820)

Have a look what the booklet for
CIELCh(56, 79.773, 35.820) contains.

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Color

CIELCh(56, 79.805, 35.766)

Conversions

Conversions Part 1

Format	Color
Hex	F44739
RGB	244, 71, 57
RGB Percent	96%, 28%, 22%
CMY	0.0447, 0.7230, 0.7776
CMYK	0.00, 0.71, 0.77, 0.04
HSL	4°, 89%, 59%
HSV	4°, 77%, 96%
XYZ	40.1299, 23.9124, 6.3339
YIQ	121.1310, 107.6020, 32.3220

Conversions

Conversions Part 2

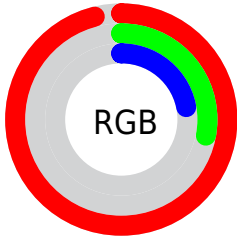
Format	Color
RYB	244, 72, 57
Decimal	16009017
CIELab	56.00, 64.75, 46.64
CIELCh	56, 79.805, 35.766
Yxy	23.9124, 0.5702, 0.3398
Android (android.graphics.Color)	4294199097 (0xFFFF44739)
YUV	121.1310, -31.6166, 107.7561
Hunter-Lab	48.9003, 60.9098, 26.5506

Details

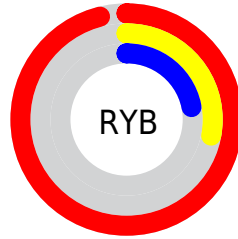
The CIELCh color **56, 79.805, 35.766** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **84, 41.990, 206.979**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 57.558, 37.919**, and **37, 77.587, 37.509** is the 20% darker color. If you saturate the color by 10%, you get **53, 90.404, 38.331**, and if you desaturate by 10%, it is **60, 68.183, 33.286**.

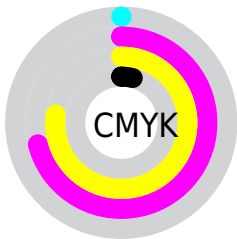
Distribution



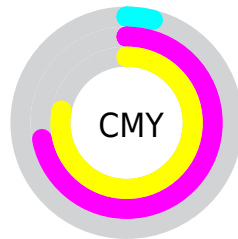
- Red (96%)
- Green (28%)
- Blue (22%)



- Red (96%)
- Yellow (28%)
- Blue (22%)



- Cyan (0%)
- Magenta (71%)
- Yellow (77%)
- Black (4%)



- Cyan (4%)
- Magenta (72%)
- Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 79.805, 35.766 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 56, 79.805, 35.766 by changing the saturation by 10% instead.

 56, 79.805, 35.766

 56, 79.805, 35.766

 100, 79.805,
35.766

 46, 79.805, 35.766

 76, 79.805, 35.766

 36, 79.805, 35.766

 86, 79.805, 35.766

 26, 79.805, 35.766

 96, 79.805, 35.766

 16, 79.805, 35.766

 6, 79.805, 35.766

 0, 79.805, 35.766

 56, 79.805, 35.766

 56, 79.805, 35.766

 53, 90.404, 38.331

 60, 68.183, 33.286

 52, 98.126, 40.105

 64, 56.418, 31.208

51, 100.015,
40.616

69, 44.947, 29.580

74, 34.023, 28.348

80, 23.785, 27.433

86, 14.282, 26.756

92, 5.507, 26.214

98, 2.582, 206.252

99, 3.937, 199.324

Harmonies

Complementary

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



56, 79.805, 35.766



84, 41.990, 206.979

Rectangle

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



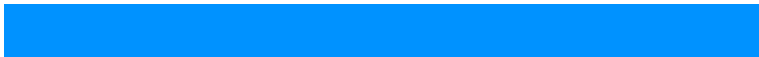
56, 79.805, 35.766



56, 79.805, 85.766



56, 79.805, 215.766



56, 79.805, 265.766

Sweetspot

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



56, 79.802, 35.768



85, 20.931, 27.162



60, 98.106, 330.318



43, 14.704, 27.430



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



56, 79.802, 35.768



55, 98.533, 39.480



73, 67.333, 71.369



48, 4.731, 26.363



39, 81.495, 40.801



9, 29.489, 28.970

Inverse Universe

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



84, 41.990, 206.979



86, 45.379, 208.481



58, 61.207, 281.044



50, 4.447, 205.915



64, 36.033, 209.205



20, 16.186, 207.354

Previews

White Background



This preview shows how the CIELCh color 56, 79.805, 35.766 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 56, 79.805, 35.766 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 56, 79.805, 35.766

Background



This preview shows how black text looks on a background with the CIELCh color 56, 79.805, 35.766.



This preview shows how white text looks on a background with the CIELCh color 56, 79.805, 35.766.

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

56, 79.805, 35.766

Protanopia

56, 33.511, 96.021

Deuteranopia

56, 49.765, 81.970



Tritanopia
56, 76.369, 30.148

Trichromacy



Original Color
56, 79.805, 35.766

Protanomaly
54, 42.769, 55.884

Deuteranomaly
54, 55.583, 56.643

Tritanomaly
56, 77.628, 32.542

Monochromacy



Original Color
56, 79.805, 35.766

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 28.159, 28.634

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 79.805, 35.766 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(244, 71, 57)` looks like.

```
.text, #text, p{  
    color:rgb(244, 71, 57)  
}
```

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(244, 71, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 71, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 79.805, 35.766 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(244, 71, 57) }
```

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

```
.border{ border-color:rgb(244, 71, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 71, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 71, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 71, 57);  
box-shadow:4px 4px 4px 4px rgb(244, 71,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 79.805, 35.766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 71, 57) }
```

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

```
.background{ background-color: rgb(244, 71,  
57) }
```

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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