

Converting Colors

CIELCh(56, 76.074, 31.103)

Have a look what the booklet for
CIELCh(56, 76.074, 31.103) contains.

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Color

CIELCh(56, 76.239, 31.064)

Conversions

Conversions Part 1

Format	Color
Hex	F34646
RGB	243, 70, 70
RGB Percent	95%, 27%, 27%
CMY	0.0466, 0.7250, 0.7252
CMYK	0.00, 0.71, 0.71, 0.05
HSL	0°, 88%, 61%
HSV	0°, 71%, 95%
XYZ	40.3070, 23.9124, 8.2993
YIQ	121.7270, 103.1080, 36.6760

Conversions

Conversions Part 2

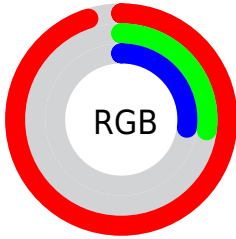
Format	Color
R_{YB}	243, 70, 70
Decimal	15943238
CIE _{Lab}	56.00, 65.31, 39.34
CIE _{LCh}	56, 76.239, 31.064
Yxy	23.9124, 0.5558, 0.3297
Android (android.graphics.Color)	4294133318 (0xFFFF34646)
YUV	121.7270, -25.5014, 106.3564
Hunter-Lab	48.9003, 61.5563, 24.1676

Details

The CIELCh color **56, 76.239, 31.064** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **88, 44.078, 196.666**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 54.530, 30.566**, and **37, 73.794, 33.127** is the 20% darker color. If you saturate the color by 10%, you get **53, 87.063, 34.629**, and if you desaturate by 10%, it is **60, 64.627, 27.968**.

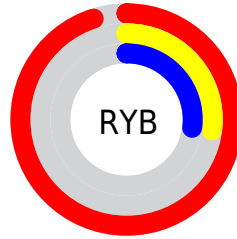
Distribution



Red (95%)

Green (27%)

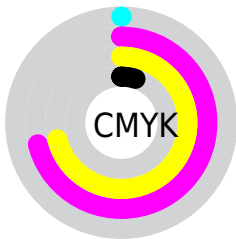
Blue (27%)



Red (95%)

Yellow (27%)

Blue (27%)

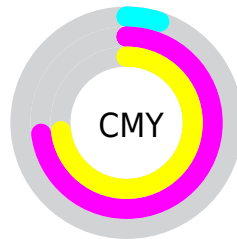


Cyan (0%)

Magenta (71%)

Yellow (71%)

Black (5%)



Cyan (5%)

Magenta (73%)

Yellow (73%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 76.239, 31.064 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, 76.239, 31.064 by changing the saturation by 10% instead.

 56, 76.239, 31.064

 56, 76.239, 31.064

 100, 76.239,
31.064

 46, 76.239, 31.064

 76, 76.239, 31.064

 36, 76.239, 31.064

 86, 76.239, 31.064

 26, 76.239, 31.064

 96, 76.239, 31.064

 16, 76.239, 31.064

 6, 76.239, 31.064

 0, 76.239, 31.064

 56, 76.239, 31.064

 56, 76.239, 31.064

 53, 87.063, 34.629

 60, 64.627, 27.968

 51, 95.923, 37.997

 65, 52.827, 25.487

51, 100.860,
40.002

70, 41.238, 23.568

76, 30.144, 22.102

82, 19.707, 20.977

89, 9.996, 20.092

95, 1.009, 18.863

99, 4.102, 199.307

Harmonies

Complementary

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



56, 76.239, 31.064



88, 44.078, 196.666

Rectangle

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



56, 76.239, 31.064



56, 76.239, 81.064



56, 76.239, 211.064



56, 76.239, 261.064

Sweetspot

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



56, 76.236, 31.066



86, 20.308, 20.966



62, 98.226, 327.820



44, 13.894, 21.248



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, 76.236, 31.066



55, 94.339, 36.078



72, 62.102, 66.207



48, 5.079, 19.958



39, 82.548, 40.002



8, 31.020, 25.018

Inverse Universe

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



88, 44.078, 196.666



91, 48.819, 196.489



63, 50.857, 272.226



50, 4.782, 198.984



69, 39.548, 196.420



22, 17.584, 196.415

Previews

White Background



This preview shows how the CIELCh color 56, 76.239, 31.064 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, 76.239, 31.064 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, 76.239, 31.064

Background



This preview shows how black text looks on a background with the CIELCh color 56, 76.239, 31.064.



This preview shows how white text looks on a background with the CIELCh color 56, 76.239, 31.064.

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, 76.239, 31.064

Protanopia

56, 24.230, 95.766

Deuteranopia

56, 42.515, 79.912



Tritanopia
56, 75.520, 29.945

Trichromacy



Original Color
56, 76.239, 31.064

Protanomaly
54, 36.170, 46.269

Deuteranomaly
55, 50.027, 51.205

Tritanomaly
56, 75.757, 30.322

Monochromacy



Original Color
56, 76.239, 31.064

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 27.488, 22.895

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 76.239, 31.064 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(243, 70, 70)` looks like.

```
.text, #text, p{  
    color:rgb(243, 70, 70)  
}
```

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(243, 70, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 70, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 76.239, 31.064 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(243, 70, 70) }
```

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

```
.border{ border-color:rgb(243, 70, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 70, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 70, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 70, 70);  
box-shadow:4px 4px 4px 4px rgb(243, 70,  
70) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 76.239, 31.064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 70, 70) }
```

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

```
.background{ background-color: rgb(243, 70,  
70) }
```

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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