

Converting Colors

CIELCh(56, 79.401, 27.581)

Have a look what the booklet for
CIELCh(56, 79.401, 27.581) contains.

CIELCh(56, 79.513, 27.556)	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(56, 79.513, 27.556)

Conversions

Conversions Part 1

Format	Color
Hex	F93C4B
RGB	249, 60, 75
RGB Percent	98%, 24%, 29%
CMY	0.0231, 0.7642, 0.7056
CMYK	0.00, 0.76, 0.70, 0.02
HSL	355°, 94%, 61%
HSV	355°, 76%, 98%
XYZ	41.9999, 23.9124, 9.0723
YIQ	118.2210, 107.8290, 44.7330

Conversions

Conversions Part 2

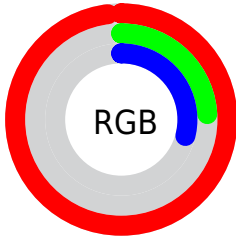
Format	Color
RYB	249, 60, 75
Decimal	16333899
CIELab	56.00, 70.49, 36.78
CIELCh	56, 79.513, 27.556
Yxy	23.9124, 0.5601, 0.3189
Android (android.graphics.Color)	4294523979 (0xFFFF93C4B)
YUV	118.2210, -21.3080, 114.6932
Hunter-Lab	48.9003, 67.7360, 23.2303

Details

The CIELCh color **56, 79.513, 27.556** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **89, 48.729, 187.079**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **67, 55.838, 24.658**, and **38, 74.250, 31.703** is the 20% darker color. If you saturate the color by 10%, you get **54, 89.023, 31.837**, and if you desaturate by 10%, it is **59, 69.010, 23.876**.

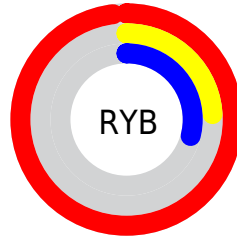
Distribution



Red (98%)

Green (24%)

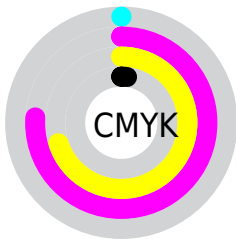
Blue (29%)



Red (98%)

Yellow (24%)

Blue (29%)

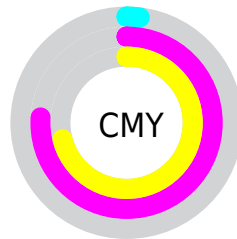


Cyan (0%)

Magenta (76%)

Yellow (70%)

Black (2%)



Cyan (2%)

Magenta (76%)

Yellow (71%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 79.513, 27.556 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, 79.513, 27.556 by changing the saturation by 10% instead.

 56, 79.513, 27.556

 56, 79.513, 27.556

 100, 79.513,
27.556

 46, 79.513, 27.556

 76, 79.513, 27.556

 36, 79.513, 27.556

 86, 79.513, 27.556

 26, 79.513, 27.556

 96, 79.513, 27.556

 16, 79.513, 27.556

 6, 79.513, 27.556

 0, 79.513, 27.556

 56, 79.513, 27.556

 56, 79.513, 27.556

 54, 89.023, 31.837

 59, 69.010, 23.876

 52, 96.899, 36.141

 64, 57.929, 20.909

■ 52, 99.490, 37.572

■ 69, 46.660, 18.582

■ 75, 35.555, 16.765

■ 81, 24.870, 15.335

■ 87, 14.754, 14.187

■ 94, 5.268, 13.195

■ 100, 2.044,
199.600

Harmonies

Complementary

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



56, 79.513, 27.556



89, 48.729, 187.079

Rectangle

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



56, 79.513, 27.556



56, 79.513, 77.556



56, 79.513, 207.556



56, 79.513, 257.556

Sweetspot

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



56, 79.510, 27.558



85, 22.334, 14.985



59, 103.672, 325.160



43, 15.641, 15.436



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, 79.510, 27.558



54, 95.102, 34.156



69, 68.575, 58.084



49, 5.186, 13.553



39, 80.094, 36.910



9, 31.647, 22.946

Inverse Universe

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



56, 79.510, 27.558



54, 95.102, 34.156



67, 48.205, 264.010



49, 5.186, 13.553



39, 80.094, 36.910



9, 31.647, 22.946

Previews

White Background



This preview shows how the CIELCh color 56, 79.513, 27.556 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, 79.513, 27.556 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, 79.513, 27.556

Background



This preview shows how black text looks on a background with the CIELCh color 56, 79.513, 27.556.



This preview shows how white text looks on a background with the CIELCh color 56, 79.513, 27.556.

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, 79.513, 27.556

Protanopia

56, 18.684, 94.604

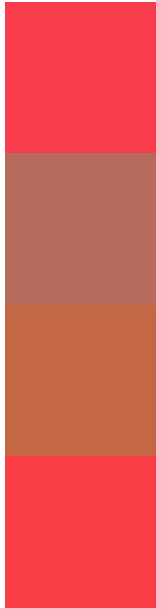
Deuteranopia

56, 40.408, 79.608



Tritanopia
56, 81.708, 31.797

Trichromacy



Original Color
56, 79.513, 27.556

Protanomaly
53, 35.380, 36.957

Deuteranomaly
54, 49.659, 46.614

Tritanomaly
56, 80.919, 30.250

Monochromacy



Original Color
56, 79.513, 27.556

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 30.030, 18.052

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 79.513, 27.556 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(249, 60, 75)` looks like.

```
.text, #text, p{  
    color:rgb(249, 60, 75)  
}
```

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(249, 60, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 60, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 79.513, 27.556 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(249, 60, 75) }
```

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

```
.border{ border-color:rgb(249, 60, 75) }
```

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

Here you see how a box with a 4 pixel rgb(249, 60, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 60, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 60, 75);  
box-shadow:4px 4px 4px 4px rgb(249, 60,  
75) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 79.513, 27.556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 60, 75) }
```

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

```
.background{ background-color: rgb(249, 60,  
75) }
```

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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