

Converting Colors

CIELCh(56, 81.867, 23.758)

Have a look what the booklet for
CIELCh(56, 81.867, 23.758) contains.

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Color

CIELCh(56, 81.843, 23.821)

Conversions

Conversions Part 1

Format	Color
Hex	FE3252
RGB	254, 50, 82
RGB Percent	100%, 20%, 32%
CMY	0.0046, 0.8046, 0.6789
CMYK	0.00, 0.80, 0.68, 0.00
HSL	351°, 99%, 60%
HSV	351°, 80%, 100%
XYZ	43.4651, 23.9124, 10.2845
YIQ	114.6440, 111.3120, 53.2000

Conversions

Conversions Part 2

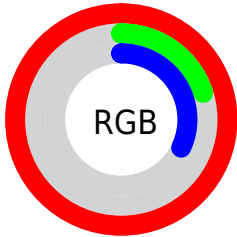
Format	Color
RYB	254, 50, 82
Decimal	16659026
CIELab	56.00, 74.87, 33.05
CIElCh	56, 81.843, 23.821
Yxy	23.9124, 0.5597, 0.3079
Android (android.graphics.Color)	4294849106 (0xFFFE3252)
YUV	114.6440, -16.0935, 122.2152
Hunter-Lab	48.9003, 73.0843, 21.7606

Details

The CIELCh color **56, 81.843, 23.821** 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 **90, 54.520, 178.137**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 57.101, 18.428**, and **40, 74.204, 29.468** is the 20% darker color. If you saturate the color by 10%, you get **54, 89.764, 28.703**, and if you desaturate by 10%, it is **59, 72.749, 19.666**.

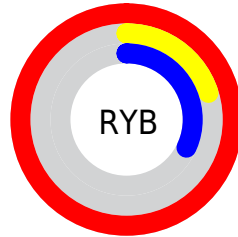
Distribution



Red (100%)

Green (20%)

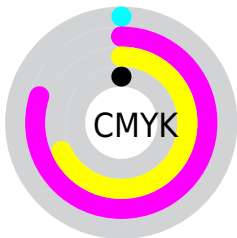
Blue (32%)



Red (100%)

Yellow (20%)

Blue (32%)

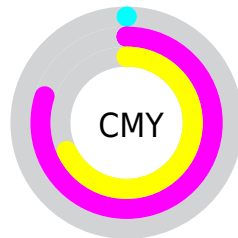


Cyan (0%)

Magenta (80%)

Yellow (68%)

Black (0%)



Cyan (0%)

Magenta (80%)


Yellow (68%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 81.843, 23.821 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, 81.843, 23.821 by changing the saturation by 10% instead.

 56, 81.843, 23.821

 56, 81.843, 23.821

 100, 81.843,
23.821

 46, 81.843, 23.821

 76, 81.843, 23.821

 36, 81.843, 23.821

 86, 81.843, 23.821

 26, 81.843, 23.821

 96, 81.843, 23.821

 16, 81.843, 23.821

 6, 81.843, 23.821

 0, 81.843, 23.821

 56, 81.843, 23.821

 56, 81.843, 23.821

 54, 89.764, 28.703

 59, 72.749, 19.666

 53, 96.322, 33.537

 63, 62.670, 16.317

68, 51.955, 13.679

74, 41.013, 11.600

80, 30.192, 9.944

86, 19.729, 8.598

93, 9.762, 7.465

99, 0.344, 4.791

100, 0.403,
201.023

Harmonies

Complementary

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



56, 81.843, 23.821



90, 54.520, 178.137

Rectangle

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



56, 81.843, 23.821



56, 81.843, 73.821



56, 81.843, 203.821



56, 81.843, 253.821

Sweetspot

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



56, 81.839, 23.823



84, 23.560, 9.057



57, 108.733, 322.400



42, 16.336, 9.540



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, 81.839, 23.823



54, 94.021, 31.617



65, 76.484, 51.002



50, 5.357, 7.373



40, 77.110, 32.614



10, 32.237, 20.714

Inverse Universe

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



56, 81.839, 23.823



54, 94.021, 31.617



71, 45.463, 253.479



50, 5.357, 7.373



40, 77.110, 32.614



10, 32.237, 20.714

Previews

White Background



This preview shows how the CIELCh color 56, 81.843, 23.821 looks on a white background.

Color Contrast Check

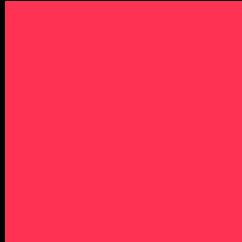
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 56, 81.843, 23.821 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, 81.843, 23.821

Background



This preview shows how black text looks on a background with the CIELCh color 56, 81.843, 23.821.



This preview shows how white text looks on a background with the CIELCh color 56, 81.843, 23.821.

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, 81.843, 23.821

Protanopia

56, 11.868, 92.386

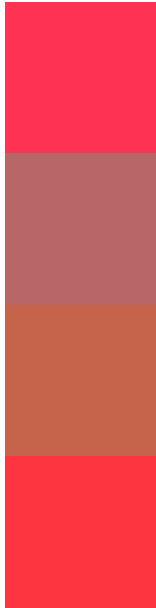
Deuteranopia

56, 36.813, 78.401



Tritanopia
56, 86.545, 33.326

Trichromacy



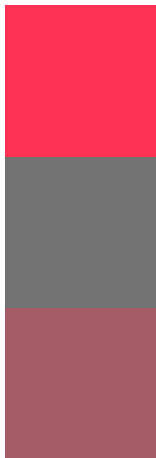
Original Color
56, 81.843, 23.821

Protanomaly
53, 35.101, 24.762

Deuteranomaly
53, 48.418, 41.010

Tritanomaly
56, 84.619, 30.186

Monochromacy



Original Color
56, 81.843, 23.821

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 32.288, 12.871

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 81.843, 23.821 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(254, 50, 82)` looks like.

```
.text, #text, p{  
    color:rgb(254, 50, 82)  
}
```

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(254, 50, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 50, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 81.843, 23.821 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(254, 50, 82) }
```

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

```
.border{ border-color:rgb(254, 50, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 50, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 50, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 50, 82);  
box-shadow:4px 4px 4px 4px rgb(254, 50,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 81.843, 23.821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 50, 82) }
```

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

```
.background{ background-color: rgb(254, 50,  
82) }
```

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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