

Converting Colors

CIELCh(56, 75.067, 21.101)

Have a look what the booklet for
CIELCh(56, 75.067, 21.101) contains.

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Color

CIELCh(56, 75.187, 21.016)

Conversions

Conversions Part 1

Format	Color
Hex	F73E5C
RGB	247, 62, 92
RGB Percent	97%, 24%, 36%
CMY	0.0324, 0.7579, 0.6400
CMYK	0.00, 0.75, 0.63, 0.03
HSL	350°, 92%, 60%
HSV	350°, 75%, 97%
XYZ	41.8983, 23.9124, 12.4887
YIQ	120.7350, 100.6300, 48.5500

Conversions

Conversions Part 2

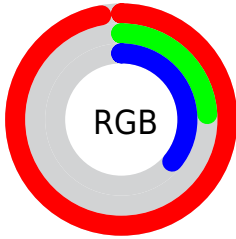
Format	Color
R_{YB}	247, 62, 92
Decimal	16203356
CIE _{Lab}	56.00, 70.19, 26.96
CIE _{LCh}	56, 75.187, 21.016
Yxy	23.9124, 0.5351, 0.3054
Android (android.graphics.Color)	4294393436 (0xFFFF73E5C)
YUV	120.7350, -14.1664, 110.7344
Hunter-Lab	48.9003, 67.3651, 19.0881

Details

The CIELCh color **56, 75.187, 21.016** 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 **88, 51.774, 178.373**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 53.344, 15.421**, and **38, 69.907, 24.854** is the 20% darker color. If you saturate the color by 10%, you get **54, 83.482, 25.529**, and if you desaturate by 10%, it is **60, 65.803, 17.318**.

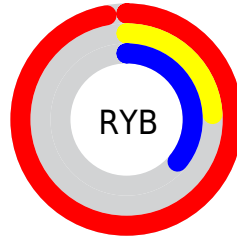
Distribution



Red (97%)

Green (24%)

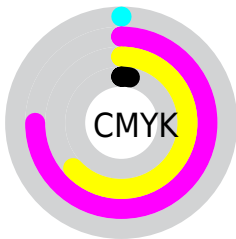
Blue (36%)



Red (97%)

Yellow (24%)

Blue (36%)

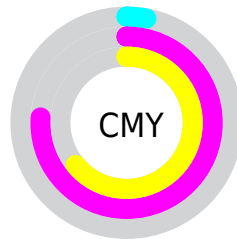


Cyan (0%)

Magenta (75%)

Yellow (63%)

Black (3%)



Cyan (3%)

Magenta (76%)

Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 75.187, 21.016 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, 75.187, 21.016 by changing the saturation by 10% instead.

 56, 75.187, 21.016

 56, 75.187, 21.016

 100, 75.187,
21.016

 46, 75.187, 21.016

 76, 75.187, 21.016

 36, 75.187, 21.016

 86, 75.187, 21.016

 26, 75.187, 21.016

 96, 75.187, 21.016

 16, 75.187, 21.016

 6, 75.187, 21.016

 0, 75.187, 21.016

 56, 75.187, 21.016

 56, 75.187, 21.016

 54, 83.482, 25.529

 60, 65.803, 17.318

 52, 90.614, 30.629

 64, 55.612, 14.384

52, 93.857, 33.113

69, 45.003, 12.075

75, 34.356, 10.245

81, 23.955, 8.769

87, 13.978, 7.550

94, 4.514, 6.457

99, 2.859, 199.456

Harmonies

Complementary

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



56, 75.187, 21.016



88, 51.774, 178.373

Rectangle

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



56, 75.187, 21.016



56, 75.187, 71.016



56, 75.187, 201.016



56, 75.187, 251.016

Sweetspot

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



56, 75.183, 21.018



85, 21.503, 8.388



57, 102.139, 322.434



44, 14.552, 8.740



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, 75.183, 21.018



54, 89.530, 28.129



65, 69.043, 51.293



48, 5.188, 6.952



39, 75.226, 32.153



8, 30.148, 18.360

Inverse Universe

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



56, 75.183, 21.018



54, 89.530, 28.129



71, 42.462, 251.154



48, 5.188, 6.952



39, 75.226, 32.153



8, 30.148, 18.360

Previews

White Background



This preview shows how the CIELCh color 56, 75.187, 21.016 looks on a white background.

Color Contrast Check

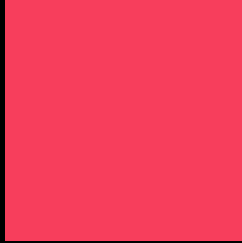
Large Text (above 18pt) WCAG AA ✓ Pass

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, 75.187, 21.016 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, 75.187, 21.016

Background



This preview shows how black text looks on a background with the CIELCh color 56, 75.187, 21.016.



This preview shows how white text looks on a background with the CIELCh color 56, 75.187, 21.016.

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, 75.187, 21.016

Protanopia

56, 6.721, 88.021

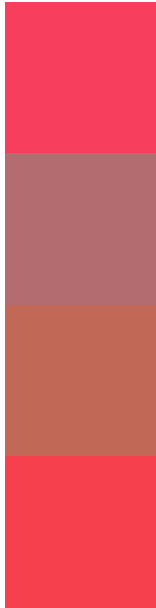
Deuteranopia

56, 30.947, 75.904



Tritanopia
56, 78.511, 30.704

Trichromacy



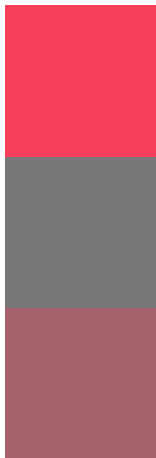
Original Color
56, 75.187, 21.016

Protanomaly
53, 30.403, 18.984

Deuteranomaly
54, 42.552, 37.604

Tritanomaly
56, 77.111, 27.332

Monochromacy



Original Color
56, 75.187, 21.016

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 28.981, 10.866

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 75.187, 21.016 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(247, 62, 92)` looks like.

```
.text, #text, p{  
    color:rgb(247, 62, 92)  
}
```

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(247, 62, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 62, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 75.187, 21.016 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(247, 62, 92) }
```

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

```
.border{ border-color:rgb(247, 62, 92) }
```

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

Here you see how a box with a 4 pixel rgb(247, 62, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 62, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 62, 92);  
box-shadow:4px 4px 4px 4px rgb(247, 62,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 75.187, 21.016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 62, 92) }
```

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

```
.background{ background-color: rgb(247, 62,  
92) }
```

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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