

Converting Colors

CIELCh(56, 77.121, 351.916)

Have a look what the booklet for
CIELCh(56, 77.121, 351.916)
contains.

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Color

CIELCh(56, 76.891, 352.020)

Conversions

Conversions Part 1

Format	Color
Hex	F2369B
RGB	242, 54, 155
RGB Percent	95%, 21%, 61%
CMY	0.0506, 0.7877, 0.3918
CMYK	0.00, 0.78, 0.36, 0.05
HSL	328°, 88%, 58%
HSV	328°, 78%, 95%
XYZ	43.8983, 23.9124, 33.3473
YIQ	121.7260, 79.6270, 71.2670

Conversions

Conversions Part 2

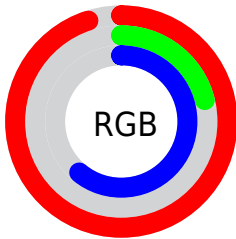
Format	Color
R_{YB}	242, 54, 155
Decimal	15873691
CIE _{Lab}	56.00, 76.15, -10.67
CIE _{LCh}	56, 76.891, 352.020
Yxy	23.9124, 0.4340, 0.2364
Android (android.graphics.Color)	4294063771 (0xFFFF2369B)
YUV	121.7260, 16.4041, 105.4803
Hunter-Lab	48.9003, 74.6655, -6.2023

Details

The CIELCh color **56, 76.891, 352.020** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **85, 76.234, 151.797**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 65.655, 340.444**, and **39, 66.877, 355.066** is the 20% darker color. If you saturate the color by 10%, you get **54, 80.526, 354.831**, and if you desaturate by 10%, it is **59, 70.777, 349.793**.

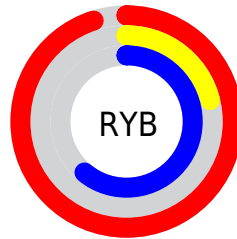
Distribution



Red (95%)

Green (21%)

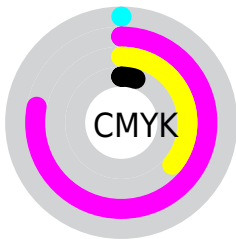
Blue (61%)



Red (95%)

Yellow (21%)

Blue (61%)

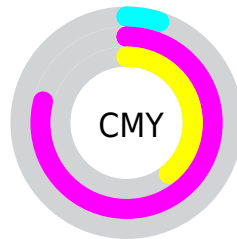


Cyan (0%)

Magenta (78%)

Yellow (36%)

Black (5%)



Cyan (5%)


Magenta (79%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 76.891, 352.020 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, 76.891, 352.020 by changing the saturation by 10% instead.


 56, 76.891,
352.020


 56, 76.891,
352.020


 100, 76.891,
352.020


 46, 76.891,
352.020


 76, 76.891,
352.020

 36, 76.891,
352.020

 86, 76.891,
352.020

 26, 76.891,
352.020

 96, 76.891,
352.020

 16, 76.891,
352.020

 6, 76.891, 352.020

 0, 76.891, 352.020

56, 76.891,
352.020

56, 76.891,
352.020

54, 80.526,
354.831

59, 70.777,
349.793

53, 81.804,
358.357

63, 62.566,
347.998

52, 81.968,
359.253

68, 52.823,
346.513

73, 42.122,
345.252

79, 30.940,
344.153

85, 19.627,
343.174

91, 8.416, 342.269

97, 2.552, 161.705

Harmonies

Complementary

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



56, 76.891, 352.020



85, 76.234, 151.797

Rectangle

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



56, 76.891, 352.020



56, 76.891, 42.020



56, 76.891, 172.020



56, 76.891, 222.020

Sweetspot

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



56, 76.887, 352.021



85, 26.795, 343.692



45, 105.574, 311.309



43, 18.579, 344.055



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, 76.887, 352.021



56, 84.757, 356.722



54, 80.720, 30.200



47, 6.220, 342.433



40, 66.754, 358.504



8, 29.829, 352.763

Inverse Universe

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



56, 76.887, 352.021



56, 84.757, 356.722



87, 47.072, 190.348



47, 6.220, 342.433



40, 66.754, 358.504



8, 29.829, 352.763

Previews

White Background



This preview shows how the CIELCh color 56, 76.891, 352.020 looks on a white background.

Color Contrast Check

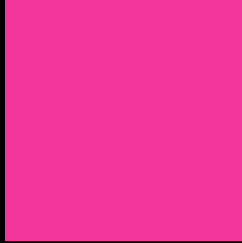
Large Text (above 18pt) WCAG AA ✓ Pass

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, 76.891, 352.020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

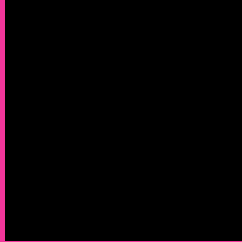
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 76.891, 352.020

Background



This preview shows how black text looks on a background with the CIELCh color 56, 76.891, 352.020.

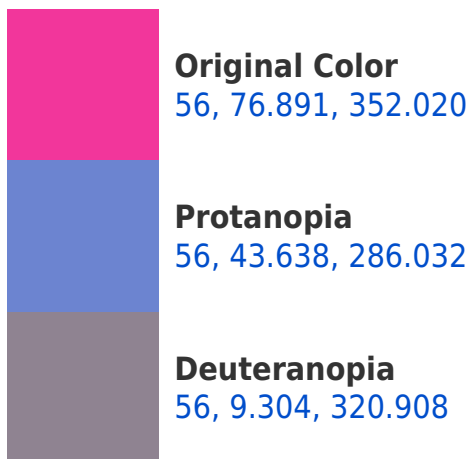


This preview shows how white text looks on a background with the CIELCh color 56, 76.891, 352.020.

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](#).

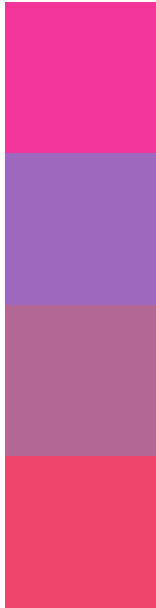
Dichromacy





Tritanopia
56, 69.677, 28.158

Trichromacy



Original Color
56, 76.891, 352.020

Protanomaly
53, 51.951, 315.217

Deuteranomaly
53, 38.646, 342.037

Tritanomaly
56, 68.754, 14.183

Monochromacy



Original Color
56, 76.891, 352.020

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 34.151, 345.647

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 76.891, 352.020 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(242, 54, 155)` looks like.

```
.text, #text, p{  
    color:rgb(242, 54, 155)  
}
```

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(242, 54, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 54, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 76.891, 352.020 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(242, 54, 155) }
```

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

```
.border{ border-color:rgb(242, 54, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 54, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 54, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 54, 155); box-shadow:4px 4px 4px 4px rgb(242, 54, 155) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 76.891, 352.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 54, 155) }
```

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

```
.background{ background-color: rgb(242, 54,  
155) }
```

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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