

Converting Colors

CIELCh(56, 82.304, 0.371)

Have a look what the booklet for
CIELCh(56, 82.304, 0.371) contains.

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Color

CIELCh(56, 82.488, 0.292)

Conversions

Conversions Part 1

Format	Color
Hex	FF1E89
RGB	255, 30, 137
RGB Percent	100%, 12%, 54%
CMY	0.0010, 0.8843, 0.4636
CMYK	0.00, 0.88, 0.46, 0.00
HSL	331°, 100%, 56%
HSV	331°, 88%, 100%
XYZ	46.0944, 23.9124, 25.7729
YIQ	109.4730, 99.7530, 80.9770

Conversions

Conversions Part 2

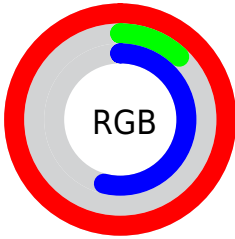
Format	Color
RYB	255, 30, 137
Decimal	16719497
CIELab	56.00, 82.49, 0.42
CIElCh	56, 82.488, 0.292
Yxy	23.9124, 0.4813, 0.2497
Android (android.graphics.Color)	4294909577 (0xFFFF1E89)
YUV	109.4730, 13.5708, 127.6272
Hunter-Lab	48.9003, 82.6820, 2.9814

Details

The CIELCh color **56, 82.488, 0.292** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **89, 81.607, 152.530**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 65.954, 346.759**, and **41, 68.199, 6.141** is the 20% darker color. If you saturate the color by 10%, you get **55, 84.174, 4.550**, and if you desaturate by 10%, it is **58, 78.630, 356.880**.

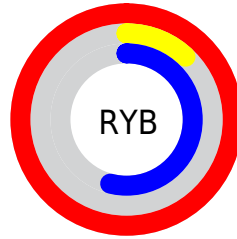
Distribution



Red (100%)

Green (12%)

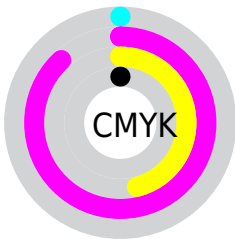
Blue (54%)



Red (100%)

Yellow (12%)

Blue (54%)

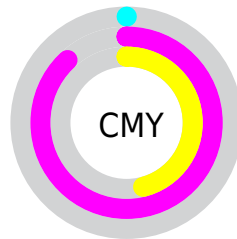


Cyan (0%)

Magenta (88%)

Yellow (46%)

Black (0%)



Cyan (0%)

Magenta (88%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 82.488, 0.292 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, 82.488, 0.292 by changing the saturation by 10% instead.

 56, 82.488, 0.292  56, 82.488, 0.292

 100, 82.488, 0.292  46, 82.488, 0.292



 76, 82.488, 0.292  36, 82.488, 0.292



 86, 82.488, 0.292  26, 82.488, 0.292

 96, 82.488, 0.292  16, 82.488, 0.292

 6, 82.488, 0.292

 0, 82.488, 0.292

 56, 82.488, 0.292  56, 82.488, 0.292

 55, 84.174, 4.550  58, 78.630,
356.880

 55, 84.384, 5.263

61, 72.364,
354.195

65, 64.002,
352.064

70, 54.105,
350.335

76, 43.259,
348.897

82, 31.955,
347.668

88, 20.550,
346.592

94, 9.281, 345.616

100, 0.091,
206.686

Harmonies

Complementary

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



56, 82.488, 0.292



89, 81.607, 152.530

Rectangle

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



56, 82.488, 0.292



56, 82.488, 50.292



56, 82.488, 180.292



56, 82.488, 230.292

Sweetspot

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



56, 82.484, 0.293



83, 30.364, 347.507



45, 118.702, 312.791



42, 20.493, 347.900



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, 82.484, 0.293



55, 84.450, 5.266



54, 96.978, 37.509



50, 6.283, 345.720



41, 68.059, 4.386



10, 31.665, 358.422

Inverse Universe

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



56, 82.484, 0.293



55, 84.450, 5.266



90, 48.183, 198.836



50, 6.283, 345.720



41, 68.059, 4.386



10, 31.665, 358.422

Previews

White Background



This preview shows how the CIELCh color 56, 82.488, 0.292 looks on a white background.

Color Contrast Check

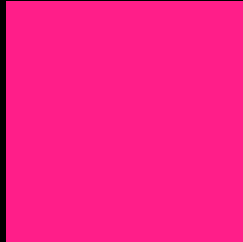
Large Text (above 18pt) WCAG AA ✓ Pass

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, 82.488, 0.292 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, 82.488, 0.292

Background



This preview shows how black text looks on a background with the CIELCh color 56, 82.488, 0.292.



This preview shows how white text looks on a background with the CIELCh color 56, 82.488, 0.292.

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, 82.488, 0.292

Protanopia

56, 34.523, 284.820

Deuteranopia

56, 8.924, 34.953



Tritanopia
56, 83.795, 32.337

Trichromacy



Original Color
56, 82.488, 0.292



Protanomaly
51, 50.797, 324.104



Deuteranomaly
52, 42.750, 356.631



Tritanomaly
56, 80.325, 20.643

Monochromacy



Original Color
56, 82.488, 0.292



Achromatopsia
46, 0.006, 296.813



Achromatomaly
45, 39.097, 350.496

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 82.488, 0.292 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(255, 30, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 30, 137)  
}
```

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(255, 30, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 30, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 82.488, 0.292 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(255, 30, 137) }
```

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

```
.border{ border-color:rgb(255, 30, 137) }
```

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

Here you see how a box with a 4 pixel rgb(255, 30, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 30, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 30, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 30,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 82.488, 0.292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 30, 137) }
```

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

```
.background{ background-color: rgb(255, 30,  
137) }
```

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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