

Converting Colors

CIELCh(56, 84.587, 355.692)

Have a look what the booklet for
CIELCh(56, 84.587, 355.692)
contains.

CIELCh(56, 84.651, 355.833)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(56, 84.651, 355.833)

Conversions

Conversions Part 1

Format	Color
Hex	FF1694
RGB	255, 22, 148
RGB Percent	100%, 9%, 58%
CMY	0.0007, 0.9155, 0.4202
CMYK	0.00, 0.92, 0.42, 0.00
HSL	328°, 100%, 54%
HSV	328°, 92%, 100%
XYZ	46.7808, 23.9124, 30.1019
YIQ	106.0310, 98.4220, 88.5820

Conversions

Conversions Part 2

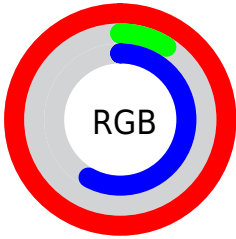
Format	Color
R_{YB}	255, 22, 148
Decimal	16717460
CIE _{Lab}	56.00, 84.43, -6.15
CIE _{LCh}	56, 84.651, 355.833
Yxy	23.9124, 0.4641, 0.2372
Android (android.graphics.Color)	4294907540 (0xFFFF1694)
YUV	106.0310, 20.6907, 130.6458
Hunter-Lab	48.9003, 85.1875, -2.2673

Details

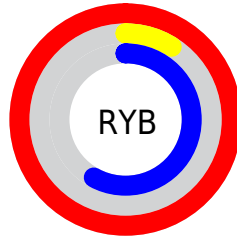
The CIELCh color **56, 84.651, 355.833** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **89, 88.990, 148.587**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 70.574, 341.871**, and **41, 68.567, 1.136** is the 20% darker color. If you saturate the color by 10%, you get **55, 85.276, 358.959**, and if you desaturate by 10%, it is **58, 81.953, 352.770**.

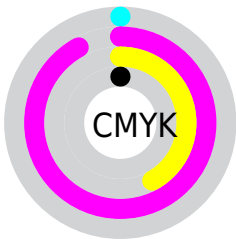
Distribution



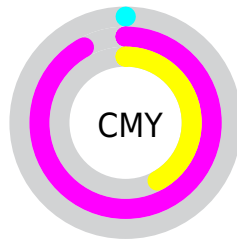
- Red (100%)
- Green (9%)
- Blue (58%)



- Red (100%)
- Yellow (9%)
- Blue (58%)



- Cyan (0%)
- Magenta (92%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (92%)
- Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 84.651, 355.833 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, 84.651, 355.833 by changing the saturation by 10% instead.

 56, 84.651,
355.833

 56, 84.651,
355.833


 100, 84.651,
355.833

 46, 84.651,
355.833


 76, 84.651,
355.833

 36, 84.651,
355.833

 86, 84.651,
355.833

 26, 84.651,
355.833

 96, 84.651,
355.833

 16, 84.651,
355.833

 6, 84.651, 355.833

 0, 84.651, 355.833

■ 56, 84.651,
355.833

■ 56, 84.651,
355.833

■ 55, 85.276,
358.959

■ 58, 81.953,
352.770

■ 61, 76.626,
350.347

■ 64, 68.894,
348.409

■ 69, 59.301,
346.823

■ 74, 48.464,
345.489

■ 80, 36.934,
344.337

■ 86, 25.133,
343.319

■ 92, 13.350,

342.395

99, 1.771, 341.342

Harmonies

Complementary

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



56, 84.651, 355.833



89, 88.990, 148.587

Rectangle

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



56, 84.651, 355.833



56, 84.651, 45.833



56, 84.651, 175.833



56, 84.651, 225.833

Sweetspot

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



56, 84.647, 355.834



83, 31.603, 343.860



42, 122.198, 311.110



42, 21.313, 344.216



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, 84.647, 355.834



55, 85.324, 358.960



54, 97.182, 35.958



50, 6.564, 342.213



41, 68.872, 358.222



11, 32.320, 353.277

Inverse Universe

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



56, 84.647, 355.834



55, 85.324, 358.960



91, 51.528, 189.440



50, 6.564, 342.213



41, 68.872, 358.222



11, 32.320, 353.277

Previews

White Background



This preview shows how the CIELCh color 56, 84.651, 355.833 looks on a white background.

Color Contrast Check

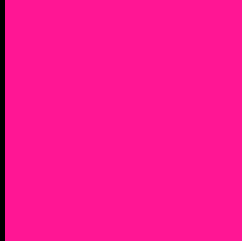
Large Text (above 18pt) WCAG AA ✓ Pass

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, 84.651, 355.833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

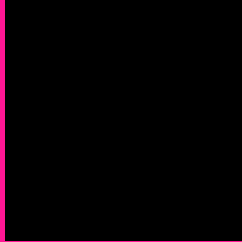
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 84.651, 355.833

Background



This preview shows how black text looks on a background with the CIELCh color 56, 84.651, 355.833.



This preview shows how white text looks on a background with the CIELCh color 56, 84.651, 355.833.

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, 82.533, 31.993

Trichromacy



Original Color
56, 84.651, 355.833



Protanomaly
50, 58.737, 318.320



Deuteranomaly
52, 45.254, 347.515



Tritanomaly
56, 79.805, 18.532

Monochromacy



Original Color
56, 84.651, 355.833



Achromatopsia
45, 0.006, 296.813



Achromatomaly
44, 41.860, 346.837

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 84.651, 355.833 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, 22, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 22, 148)  
}
```

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, 22, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 22, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 84.651, 355.833 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, 22, 148) }
```

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

```
.border{ border-color:rgb(255, 22, 148) }
```

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

Here you see how a box with a 4 pixel rgb(255, 22, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 22, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 22, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 22,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 84.651, 355.833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 22, 148) }
```

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

```
.background{ background-color: rgb(255, 22,  
148) }
```

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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