

Converting Colors

CIELCh(56, 106.474, 328.175)

Have a look what the booklet for
CIELCh(56, 106.474, 328.175)
contains.

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Color

CIELCh(56, 106.474, 328.175)

Conversions

Conversions Part 1

Format	Color
Hex	EA15EA
RGB	234, 21, 234
RGB Percent	92%, 8%, 92%
CMY	0.0830, 0.9195, 0.0830
CMYK	0.00, 0.91, 0.00, 0.08
HSL	300°, 84%, 50%
HSV	300°, 91%, 92%
XYZ	48.9610, 23.9124, 79.7527
YIQ	108.9690, 58.5750, 111.3990

Conversions

Conversions Part 2

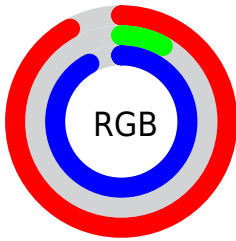
Format	Color
RYB	234, 21, 234
Decimal	15341034
CIELab	56.00, 90.47, -56.15
CIElCh	56, 106.474, 328.175
Yxy	23.9124, 0.3208, 0.1567
Android (android.graphics.Color)	4293531114 (0xFFEA15EA)
YUV	108.9690, 61.6403, 109.6522
Hunter-Lab	48.9003, 93.1458, -62.4672

Details

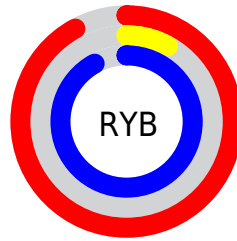
The CIELCh color **56, 106.474, 328.175** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **81, 110.029, 136.312**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 89.029, 327.423**, and **41, 87.964, 327.344** is the 20% darker color. If you saturate the color by 10%, you get **55, 108.235, 328.231**, and if you desaturate by 10%, it is **57, 102.276, 328.041**.

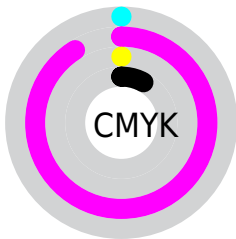
Distribution



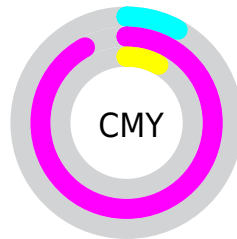
- Red (92%)
- Green (8%)
- Blue (92%)



- Red (92%)
- Yellow (8%)
- Blue (92%)



- Cyan (0%)
- Magenta (91%)
- Yellow (0%)
- Black (8%)





- Cyan (8%)
- Magenta (92%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 106.474, 328.175 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, 106.474, 328.175 by changing the saturation by 10% instead.


 56, 106.474,
328.175


 56, 106.474,
328.175


 100, 106.474,
328.175


 46, 106.474,
328.175


 76, 106.474,
328.175


 36, 106.474,
328.175


 86, 106.474,
328.175

 26, 106.474,
328.175

 96, 106.474,
328.175

 16, 106.474,
328.175

 6, 106.474,
328.175

 0, 106.474,
328.175

■ 56, 106.474,
328.175

■ 56, 106.474,
328.175

■ 55, 108.235,
328.231

■ 57, 102.276,
328.041

■ 59, 95.288,
327.816

■ 62, 85.701,
327.499

■ 66, 73.979,
327.103

■ 70, 60.701,
326.643

■ 75, 46.427,
326.136

■ 81, 31.630,
325.598

■ 86, 16.671,

325.041

■ 92, 1.804, 324.347

Harmonies

Complementary

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



56, 106.474, 328.175



81, 110.029, 136.312

Rectangle

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



56, 106.474, 328.175



56, 106.474, 18.175



56, 106.474, 148.175



56, 106.474, 198.175

Sweetspot

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



56, 106.471, 328.175



84, 43.154, 325.919



31, 119.849, 305.387



43, 29.038, 326.101



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, 106.471, 328.175



60, 115.567, 328.231



51, 78.588, 357.690



46, 8.457, 324.941



43, 89.364, 328.231



9, 38.267, 328.231

Inverse Universe

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



50, 93.039, 37.949



53, 104.574, 39.999



82, 80.986, 149.936



46, 4.905, 19.933



38, 80.845, 39.984



7, 28.535, 22.713

Previews

White Background



This preview shows how the CIELCh color 56, 106.474, 328.175 looks on a white background.

Color Contrast Check

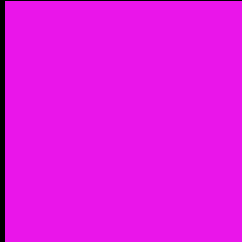
Large Text (above 18pt) WCAG AA ✓ Pass

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, 106.474, 328.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

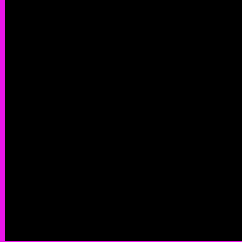
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 106.474, 328.175

Background



This preview shows how black text looks on a background with the CIELCh color 56, 106.474, 328.175.



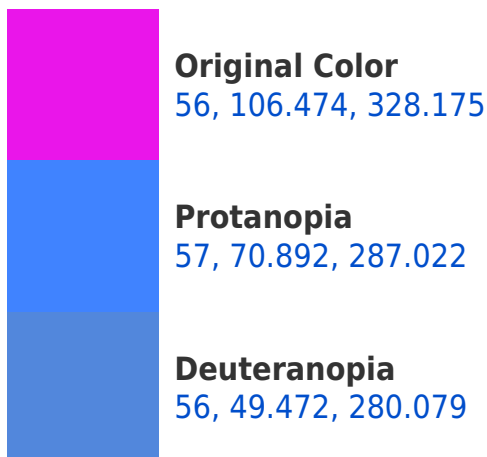
This preview shows how white text looks on a background with the CIELCh color 56, 106.474, 328.175.

328.175.

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, 54.386, 23.536

Trichromacy



Original Color
56, 106.474, 328.175



Protanomaly
50, 89.773, 305.038



Deuteranomaly
50, 76.954, 307.321



Tritanomaly
54, 67.514, 351.675

Monochromacy



Original Color
56, 106.474, 328.175



Achromatopsia
46, 0.006, 296.813



Achromatomaly
45, 51.729, 326.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 106.474, 328.175 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(234, 21, 234)` looks like.

```
.text, #text, p{  
    color:rgb(234, 21, 234)  
}
```

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(234, 21, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 21, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 106.474, 328.175 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(234, 21, 234) }
```

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

```
.border{ border-color:rgb(234, 21, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 21, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 21, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 21, 234);  
box-shadow:4px 4px 4px 4px rgb(234, 21,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 106.474, 328.175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 21, 234) }
```

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

```
.background{ background-color: rgb(234, 21,  
234) }
```

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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