

Converting Colors

CIELCh(56, 110.518, 326.087)

Have a look what the booklet for
CIELCh(56, 110.518, 326.087)
contains.

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Color

CIELCh(56, 110.632, 326.036)

Conversions

Conversions Part 1

Format	Color
Hex	E712F4
RGB	231, 18, 244
RGB Percent	91%, 7%, 96%
CMY	0.0946, 0.9308, 0.0436
CMYK	0.05, 0.93, 0.00, 0.04
HSL	297°, 91%, 51%
HSV	297°, 93%, 96%
XYZ	49.4352, 23.9124, 87.5030
YIQ	107.4510, 54.4020, 115.4420

Conversions

Conversions Part 2

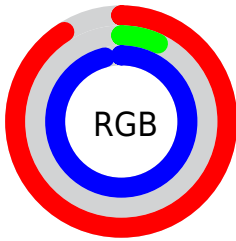
Format	Color
R _{YB}	231, 18, 244
Decimal	15143668
CIE _{Lab}	56.00, 91.76, -61.81
CIE _{LCh}	56, 110.632, 326.036
Y _{xy}	23.9124, 0.3073, 0.1487
Android (android.graphics.Color)	4293333748 (0xFFE712F4)
YUV	107.4510, 67.3187, 108.3525
Hunter-Lab	48.9003, 94.8769, -71.8642

Details

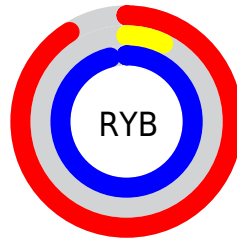
The CIELCh color **56, 110.632, 326.036** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **84, 113.688, 135.936**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 89.498, 327.438**, and **41, 92.076, 324.697** is the 20% darker color. If you saturate the color by 10%, you get **55, 112.090, 325.943**, and if you desaturate by 10%, it is **57, 106.548, 326.071**.

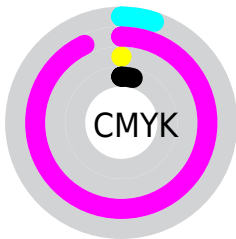
Distribution



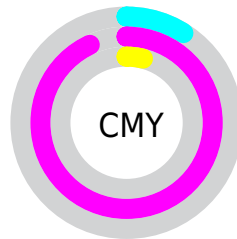
- Red (91%)
- Green (7%)
- Blue (96%)



- Red (91%)
- Yellow (7%)
- Blue (96%)



- Cyan (5%)
- Magenta (93%)
- Yellow (0%)
- Black (4%)





- Cyan (9%)
- Magenta (93%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 110.632, 326.036 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, 110.632, 326.036 by changing the saturation by 10% instead.


 56, 110.632,
326.036


 56, 110.632,
326.036


 100, 110.632,
326.036


 46, 110.632,
326.036


 76, 110.632,
326.036


 36, 110.632,
326.036


 86, 110.632,
326.036

 26, 110.632,
326.036

 96, 110.632,
326.036

 16, 110.632,
326.036

 6, 110.632,
326.036

 0, 110.632,
326.036

■ 56, 110.632,
326.036

■ 56, 110.632,
326.036

■ 55, 112.090,
325.943

■ 57, 106.548,
326.071

■ 60, 99.523,
325.972

■ 63, 89.767,
325.750

■ 67, 77.794,
325.424

■ 72, 64.225,
325.018

■ 77, 49.651,
324.554

■ 83, 34.558,
324.055

■ 88, 19.311,

323.536

■ 94, 4.163, 322.969

Harmonies

Complementary

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



56, 110.632, 326.036



84, 113.688, 135.936

Rectangle

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



56, 110.632, 326.036



56, 110.632, 16.036



56, 110.632, 146.036



56, 110.632, 196.036

Sweetspot

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



56, 110.630, 326.036



83, 44.056, 324.323



33, 121.470, 304.782



42, 30.373, 324.536



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, 110.630, 326.036



58, 115.941, 325.937



54, 82.773, 354.041



48, 8.604, 323.362



42, 91.516, 325.980



10, 40.667, 326.275

Inverse Universe

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



52, 94.346, 35.970



53, 102.350, 38.402



85, 88.753, 147.222



48, 5.087, 15.291



39, 80.137, 37.766



8, 30.669, 22.700

Previews

White Background



This preview shows how the CIE LCh color 56, 110.632, 326.036 looks on a white background.

Color Contrast Check

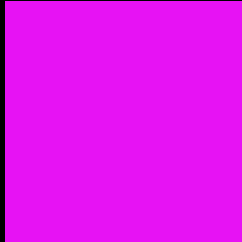
Large Text (above 18pt) WCAG AA ✓ Pass

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, 110.632, 326.036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

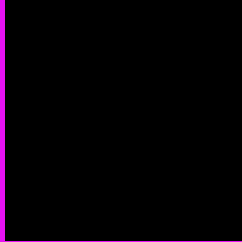
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 110.632, 326.036

Background



This preview shows how black text looks on a background with the CIELCh color 56, 110.632, 326.036.



This preview shows how white text looks on a background with the CIELCh color 56, 110.632, 326.036.

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, 110.632, 326.036

Protanopia

57, 70.892, 287.022

Deuteranopia

56, 54.293, 279.014



Tritanopia
56, 50.803, 22.609

Trichromacy



Original Color
56, 110.632, 326.036



Protanomaly
50, 92.447, 305.001



Deuteranomaly
50, 81.783, 304.738



Tritanomaly
54, 67.712, 348.389

Monochromacy



Original Color
56, 110.632, 326.036



Achromatopsia
45, 0.006, 296.813



Achromatomaly
44, 54.035, 325.240

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 110.632, 326.036 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(231, 18, 244)` looks like.

```
.text, #text, p{  
    color:rgb(231, 18, 244)  
}
```

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(231, 18, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 18, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 110.632, 326.036 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(231, 18, 244) }
```

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

```
.border{ border-color:rgb(231, 18, 244) }
```

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

Here you see how a box with a 4 pixel rgb(231, 18, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 18, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 18, 244);  
box-shadow:4px 4px 4px 4px rgb(231, 18,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 110.632, 326.036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 18, 244) }
```

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

```
.background{ background-color: rgb(231, 18,  
244) }
```

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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