

Converting Colors

CIELCh(53, 108.079, 325.090)

Have a look what the booklet for
CIELCh(53, 108.079, 325.090)
contains.

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Color

CIELCh(53, 107.998, 325.133)

Conversions

Conversions Part 1

Format	Color
Hex	D90EEB
RGB	217, 14, 235
RGB Percent	85%, 5%, 92%
CMY	0.1492, 0.9458, 0.0786
CMYK	0.08, 0.94, 0.00, 0.08
HSL	295°, 89%, 49%
HSV	295°, 94%, 92%
XYZ	43.7393, 21.0462, 80.3122
YIQ	99.8910, 50.0470, 111.7670

Conversions

Conversions Part 2

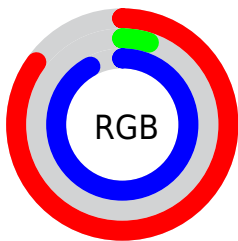
Format	Color
R _Y B	217, 14, 235
Decimal	14225131
CIE Lab	53.00, 88.61, -61.74
CIE LCh	53, 107.998, 325.133
Yxy	21.0462, 0.3014, 0.1450
Android (android.graphics.Color)	4292415211 (0xFFD90EEB)
YUV	99.8910, 66.6087, 102.7046
Hunter-Lab	45.8761, 89.9026, -71.6816

Details

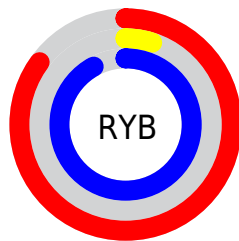
The CIELCh color **53, 107.998, 325.133** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **82, 110.642, 135.762**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 91.340, 327.496**, and **39, 88.996, 323.692** is the 20% darker color. If you saturate the color by 10%, you get **52, 109.181, 325.014**, and if you desaturate by 10%, it is **54, 104.256, 325.243**.

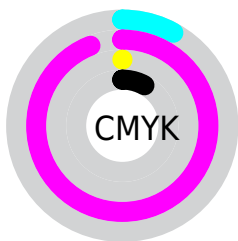
Distribution



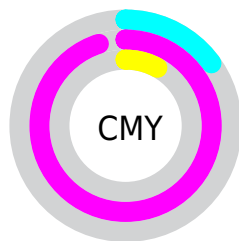
- Red (85%)
- Green (5%)
- Blue (92%)



- Red (85%)
- Yellow (5%)
- Blue (92%)



- Cyan (8%)
- Magenta (94%)
- Yellow (0%)
- Black (8%)





- Cyan (15%)
- Magenta (95%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 107.998, 325.133 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 53, 107.998, 325.133 by changing the saturation by 10% instead.


 53, 107.998,
325.133


 53, 107.998,
325.133


 100, 107.998,
325.133


 43, 107.998,
325.133


 73, 107.998,
325.133


 33, 107.998,
325.133


 83, 107.998,
325.133

 23, 107.998,
325.133

 93, 107.998,
325.133

 13, 107.998,
325.133

 3, 107.998,
325.133

 0, 107.998,
325.133

■ 53, 107.998,
325.133

■ 53, 107.998,
325.133

■ 52, 109.181,
325.014

■ 54, 104.256,
325.243

■ 57, 97.648,
325.204

■ 60, 88.362,
325.027

■ 64, 76.896,
324.734

■ 68, 63.859,
324.352

■ 73, 49.832,
323.910

■ 79, 35.288,
323.428

■ 85, 20.584,

322.926

■ 91, 5.965, 322.394

Harmonies

Complementary

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



53, 107.998, 325.133



82, 110.642, 135.762

Rectangle

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



53, 107.998, 325.133



53, 107.998, 15.133



53, 107.998, 145.133



53, 107.998, 195.133

Sweetspot

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



53, 107.996, 325.133



83, 43.783, 323.624



32, 117.717, 304.640



42, 30.194, 323.832



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53, 107.996, 325.133



57, 116.165, 325.000



52, 81.120, 353.016



46, 8.249, 322.686



40, 89.813, 325.066



8, 38.422, 325.522

Inverse Universe

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



50, 91.216, 35.184



53, 101.207, 37.524



82, 88.271, 146.248



46, 4.924, 13.361



38, 77.453, 36.684



7, 28.214, 19.394

Previews

White Background



This preview shows how the CIE LCh color 53, 107.998, 325.133 looks on a white background.

Color Contrast Check

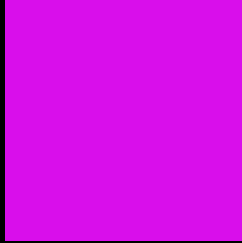
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 107.998, 325.133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

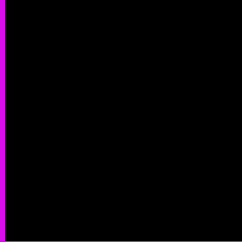
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 107.998, 325.133

Background



This preview shows how black text looks on a background with the CIELCh color 53, 107.998, 325.133.



This preview shows how white text looks on a background with the CIELCh color 53, 107.998, 325.133.

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

53, 107.998, 325.133

Protanopia

54, 76.111, 287.644

Deuteranopia

54, 54.298, 278.717



Tritanopia
53, 46.895, 21.930

Trichromacy



Original Color
53, 107.998, 325.133



Protanomaly
47, 95.604, 302.966



Deuteranomaly
47, 81.332, 303.758



Tritanomaly
51, 65.052, 346.696

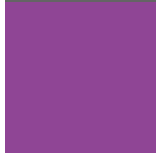
Monochromacy



Original Color
53, 107.998, 325.133



Achromatopsia
42, 0.006, 296.813



Achromatomaly
42, 52.967, 324.856

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 107.998, 325.133 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(217, 14, 235)` looks like.

```
.text, #text, p{  
    color:rgb(217, 14, 235)  
}
```

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(217, 14, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 14, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 107.998, 325.133 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(217, 14, 235) }
```

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

```
.border{ border-color:rgb(217, 14, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 14, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 14, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 14, 235);  
box-shadow:4px 4px 4px 4px rgb(217, 14,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 107.998, 325.133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 14, 235) }
```

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

```
.background{ background-color: rgb(217, 14,  
235) }
```

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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