

Converting Colors

CIELCh(52, 101.215, 328.196)

Have a look what the booklet for
CIELCh(52, 101.215, 328.196)
contains.

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Color

CIELCh(52, 101.116, 328.193)

Conversions

Conversions Part 1

Format	Color
Hex	D90FD9
RGB	217, 15, 217
RGB Percent	85%, 6%, 85%
CMY	0.1481, 0.9420, 0.1482
CMYK	0.00, 0.93, 0.00, 0.15
HSL	300°, 87%, 45%
HSV	300°, 93%, 85%
XYZ	41.4062, 20.1443, 67.5017
YIQ	98.4260, 55.5500, 105.6460

Conversions

Conversions Part 2

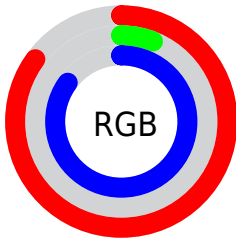
Format	Color
R _Y B	217, 15, 217
Decimal	14225369
CIE Lab	52.00, 85.93, -53.29
CIE LCh	52, 101.116, 328.193
Yxy	20.1443, 0.3208, 0.1561
Android (android.graphics.Color)	4292415449 (0xFFD90FD9)
YUV	98.4260, 58.4570, 103.9894
Hunter-Lab	44.8824, 86.1305, -57.7525

Details

The CIELCh color **52, 101.116, 328.193** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **76, 104.567, 136.244**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 91.792, 327.510**, and **37, 82.028, 327.263** is the 20% darker color. If you saturate the color by 10%, you get **52, 102.390, 328.236**, and if you desaturate by 10%, it is **53, 97.573, 328.074**.

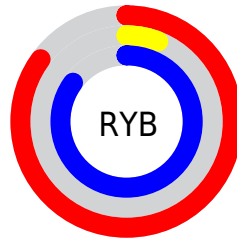
Distribution



Red (85%)

Green (6%)

Blue (85%)



Red (85%)

Yellow (6%)

Blue (85%)

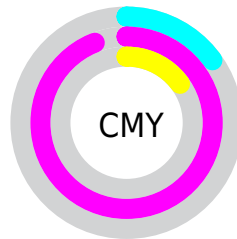


Cyan (0%)

Magenta (93%)

Yellow (0%)

Black (15%)



Cyan (15%)


Magenta (94%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 101.116, 328.193 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 52, 101.116, 328.193 by changing the saturation by 10% instead.


 52, 101.116,
328.193


 52, 101.116,
328.193


 100, 101.116,
328.193


 42, 101.116,
328.193


 72, 101.116,
328.193


 32, 101.116,
328.193


 82, 101.116,
328.193

 22, 101.116,
328.193

 92, 101.116,
328.193

 12, 101.116,
328.193

 2, 101.116,
328.193

 0, 101.116,
328.193

■ 52, 101.116,
328.193

■ 52, 101.116,
328.193

■ 52, 102.390,
328.236

■ 53, 97.573,
328.074

■ 55, 91.418,
327.864

■ 58, 82.774,
327.563

■ 61, 72.041,
327.181

■ 65, 59.753,
326.733

■ 70, 46.441,
326.235

■ 74, 32.565,
325.704

■ 80, 18.482,

325.152

■ 85, 4.447, 324.557

Harmonies

Complementary

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



52, 101.116, 328.193



76, 104.567, 136.244

Rectangle

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



52, 101.116, 328.193



52, 101.116, 18.193



52, 101.116, 148.193



52, 101.116, 198.193

Sweetspot

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



52, 101.113, 328.193



83, 44.736, 325.976



28, 115.305, 305.773



42, 30.816, 326.205



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



52, 101.113, 328.193



60, 115.559, 328.236



47, 74.259, 359.744



43, 8.001, 324.940



41, 86.543, 328.236



7, 34.554, 328.176

Inverse Universe

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



52, 101.113, 328.193



60, 115.559, 328.236



77, 76.127, 150.409



43, 8.001, 324.940



41, 86.543, 328.236



7, 34.554, 328.176

Previews

White Background



This preview shows how the CIELCh color 52, 101.116, 328.193 looks on a white background.

Color Contrast Check

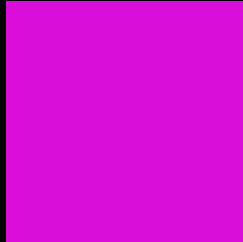
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 101.116, 328.193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

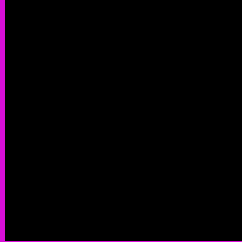
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 101.116, 328.193

Background



This preview shows how black text looks on a background with the CIELCh color 52, 101.116, 328.193.



This preview shows how white text looks on a background with the CIELCh color 52, 101.116, 328.193.

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

52, 101.012, 328.189

Protanopia

53, 77.496, 287.528

Deuteranopia

52, 46.663, 279.856



Tritanopia
52, 51.563, 23.318

Trichromacy



Original Color
52, 101.012, 328.189



Protanomaly
45, 93.011, 301.157



Deuteranomaly
46, 73.313, 307.500



Tritanomaly
50, 64.842, 351.350

Monochromacy



Original Color
52, 101.012, 328.189



Achromatopsia
42, 0.006, 296.813



Achromatomaly
41, 49.687, 327.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 101.116, 328.193 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, 15, 217)` looks like.

```
.text, #text, p{  
    color:rgb(217, 15, 217)  
}
```

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, 15, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 15, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 101.116, 328.193 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, 15, 217) }
```

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

```
.border{ border-color:rgb(217, 15, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 15, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 15, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 15, 217);  
box-shadow:4px 4px 4px 4px rgb(217, 15,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 101.116, 328.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 15, 217) }
```

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

```
.background{ background-color: rgb(217, 15,  
217) }
```

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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