

Converting Colors

CIELCh(52, 101.566, 328.208)

Have a look what the booklet for
CIELCh(52, 101.566, 328.208)
contains.

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Color

CIELCh(52, 101.671, 328.199)

Conversions

Conversions Part 1

Format	Color
Hex	DA0BDA
RGB	218, 11, 218
RGB Percent	85%, 4%, 85%
CMY	0.1462, 0.9572, 0.1462
CMYK	0.00, 0.95, 0.00, 0.15
HSL	300°, 90%, 45%
HSV	300°, 95%, 85%
XYZ	41.5628, 20.1443, 67.8389
YIQ	96.4910, 56.9250, 108.2610

Conversions

Conversions Part 2

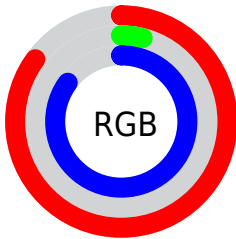
Format	Color
R _Y B	218, 11, 218
Decimal	14289882
CIE Lab	52.00, 86.41, -53.58
CIE LCh	52, 101.671, 328.199
Yxy	20.1443, 0.3208, 0.1555
Android (android.graphics.Color)	4292479962 (0xFFDA0BDA)
YUV	96.4910, 59.9039, 106.5634
Hunter-Lab	44.8824, 86.7534, -58.1979

Details

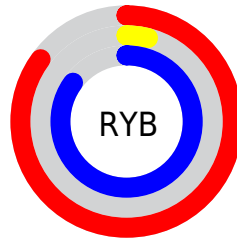
The CIELCh color **52, 101.671, 328.199** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **76, 105.203, 136.177**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 91.792, 327.510**, and **38, 82.402, 327.269** is the 20% darker color. If you saturate the color by 10%, you get **52, 102.569, 328.229**, and if you desaturate by 10%, it is **53, 98.577, 328.096**.

Distribution



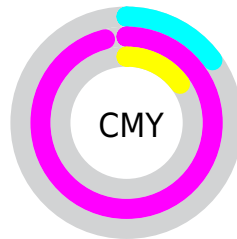
- Red (85%)
- Green (4%)
- Blue (85%)



- Red (85%)
- Yellow (4%)
- Blue (85%)



- Cyan (0%)
- Magenta (95%)
- Yellow (0%)
- Black (15%)





- Cyan (15%)
- Magenta (96%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 101.671, 328.199 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, 101.671, 328.199 by changing the saturation by 10% instead.


 52, 101.671,
328.199


 52, 101.671,
328.199


 100, 101.671,
328.199


 42, 101.671,
328.199


 72, 101.671,
328.199


 32, 101.671,
328.199


 82, 101.671,
328.199

 22, 101.671,
328.199

 92, 101.671,
328.199

 12, 101.671,
328.199

 2, 101.671,
328.199

 0, 101.671,
328.199

■ 52, 101.671,
328.199

■ 52, 101.671,
328.199

■ 52, 102.569,
328.229

■ 53, 98.577,
328.096

■ 55, 92.885,
327.903

■ 57, 84.651,
327.619

■ 60, 74.238,
327.251

■ 64, 62.167,
326.813

■ 69, 48.978,
326.323

■ 74, 35.149,
325.796

■ 79, 21.056,

325.248

■ 84, 6.971, 324.673

Harmonies

Complementary

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



52, 101.671, 328.199



76, 105.203, 136.177

Rectangle

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



52, 101.671, 328.199



52, 101.671, 18.199



52, 101.671, 148.199



52, 101.671, 198.199

Sweetspot

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



52, 101.668, 328.199



83, 44.737, 325.971



28, 115.704, 305.747



42, 30.817, 326.200



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, 101.668, 328.199



60, 115.568, 328.229



47, 74.892, 358.957



43, 8.001, 324.936



41, 86.549, 328.229



7, 34.556, 328.170

Inverse Universe

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



46, 90.166, 38.821



53, 104.572, 39.998



77, 78.436, 149.169



43, 4.639, 19.924



36, 78.231, 39.925



5, 23.840, 20.265

Previews

White Background



This preview shows how the CIELCh color 52, 101.671, 328.199 looks on a white background.

Color Contrast Check

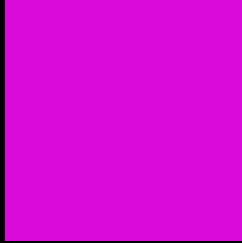
Large Text (above 18pt) WCAG AA ✓ Pass

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, 101.671, 328.199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

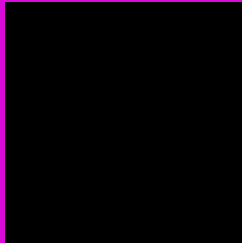
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 101.671, 328.199

Background



This preview shows how black text looks on a background with the CIELCh color 52, 101.671, 328.199.



This preview shows how white text looks on a background with the CIELCh color 52, 101.671, 328.199.

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, 101.760, 328.202

Protanopia

53, 77.483, 287.585

Deuteranopia

53, 46.655, 279.528



Tritanopia
52, 51.716, 23.928

Trichromacy



Original Color
52, 101.760, 328.202



Protanomaly
45, 93.524, 301.654



Deuteranomaly
46, 74.449, 307.624



Tritanomaly
50, 65.020, 351.698

Monochromacy



Original Color
52, 101.760, 328.202



Achromatopsia
41, 0.006, 296.813



Achromatomaly
40, 50.903, 327.122

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 101.671, 328.199 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(218, 11, 218)` looks like.

```
.text, #text, p{  
    color:rgb(218, 11, 218)  
}
```

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(218, 11, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 11, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 101.671, 328.199 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(218, 11, 218) }
```

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

```
.border{ border-color:rgb(218, 11, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 11, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 11, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 11, 218);  
box-shadow:4px 4px 4px 4px rgb(218, 11,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 101.671, 328.199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 11, 218) }
```

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

```
.background{ background-color: rgb(218, 11,  
218) }
```

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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