

Converting Colors

CIELCh(52, 105.106, 326.894)

Have a look what the booklet for
CIELCh(52, 105.106, 326.894)
contains.

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Color

CIELCh(52, 104.941, 326.987)

Conversions

Conversions Part 1

Format	Color
Hex	D900E0
RGB	217, 0, 224
RGB Percent	85%, 0%, 88%
CMY	0.1489, 0.9993, 0.1214
CMYK	0.03, 1.00, 0.00, 0.12
HSL	298°, 100%, 44%
HSV	298°, 100%, 88%
XYZ	42.0872, 20.1443, 72.2157
YIQ	90.4190, 57.4280, 115.6680

Conversions

Conversions Part 2

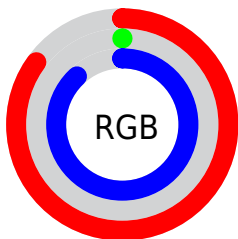
Format	Color
RYB	217, 0, 224
Decimal	14221536
CIELab	52.00, 88.00, -57.17
CIElCh	52, 104.941, 326.987
Yxy	20.1443, 0.3130, 0.1498
Android (android.graphics.Color)	4292411616 (0xFFD900E0)
YUV	90.4190, 65.8554, 111.0115
Hunter-Lab	44.8824, 88.8390, -63.9797

Details

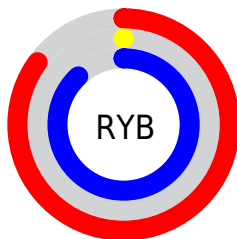
The CIELCh color **52, 104.941, 326.987** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **78, 108.446, 135.917**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **67, 92.684, 327.538**, and **38, 84.862, 325.691** is the 20% darker color. If you saturate the color by 10%, you get **52, 104.953, 326.987**, and if you desaturate by 10%, it is **53, 102.713, 327.015**.

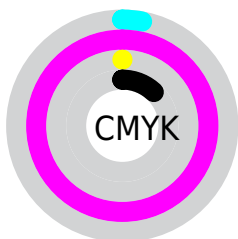
Distribution



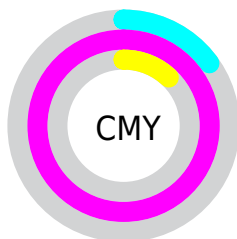
- Red (85%)
- Green (0%)
- Blue (88%)



- Red (85%)
- Yellow (0%)
- Blue (88%)



- Cyan (3%)
- Magenta (100%)
- Yellow (0%)
- Black (12%)





- Cyan (15%)
- Magenta (100%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 104.941, 326.987 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, 104.941, 326.987 by changing the saturation by 10% instead.


 52, 104.941,
326.987


 52, 104.941,
326.987


 100, 104.941,
326.987


 42, 104.941,
326.987


 72, 104.941,
326.987


 32, 104.941,
326.987


 82, 104.941,
326.987

 22, 104.941,
326.987

 92, 104.941,
326.987

 12, 104.941,
326.987

 2, 104.941,
326.987

 0, 104.941,
326.987

■ 52, 104.941,
326.987

■ 52, 104.941,
326.987

■ 52, 104.953,
326.987

■ 53, 102.713,
327.015

■ 54, 98.129,
326.946

■ 57, 90.844,
326.763

■ 60, 81.131,
326.476

■ 64, 69.490,
326.101

■ 68, 56.490,
325.659

■ 73, 42.658,
325.169

■ 78, 28.420,

324.650

■ 84, 14.094,
324.112

Harmonies

Complementary

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



52, 104.941, 326.987



78, 108.446, 135.917

Rectangle

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



52, 104.941, 326.987



52, 104.941, 16.987



52, 104.941, 146.987



52, 104.941, 196.987

Sweetspot

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



52, 104.939, 326.987



82, 47.501, 325.184



28, 119.923, 305.966



41, 32.332, 325.396



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, 104.939, 326.987



59, 115.741, 326.978



49, 77.271, 359.382



44, 8.075, 324.086



41, 87.618, 327.006



7, 35.912, 327.183

Inverse Universe

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



47, 93.509, 38.985



53, 103.366, 39.149



79, 84.014, 147.240



44, 4.728, 17.403



36, 77.752, 38.666



6, 25.467, 19.627

Previews

White Background



This preview shows how the CIELCh color 52, 104.941, 326.987 looks on a white background.

Color Contrast Check

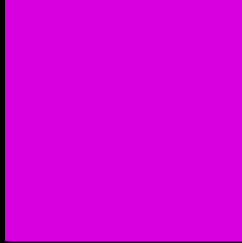
Large Text (above 18pt) WCAG AA ✓ Pass

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, 104.941, 326.987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

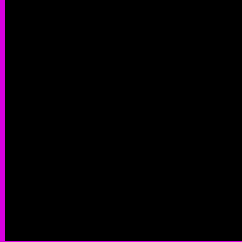
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 104.941, 326.987

Background



This preview shows how black text looks on a background with the CIELCh color 52, 104.941, 326.987.



This preview shows how white text looks on a background with the CIELCh color 52, 104.941, 326.987.

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, 104.941, 326.987

Protanopia

53, 77.452, 287.718

Deuteranopia

53, 50.166, 279.725



Tritanopia
52, 49.752, 22.815

Trichromacy



Original Color
52, 104.941, 326.987



Protanomaly
44, 97.340, 302.740



Deuteranomaly
45, 80.047, 307.029



Tritanomaly
50, 66.490, 349.006

Monochromacy



Original Color
52, 104.941, 326.987



Achromatopsia
39, 0.005, 296.813



Achromatomaly
38, 54.154, 326.549

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 104.941, 326.987 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, 0, 224)` looks like.

```
.text, #text, p{  
    color:rgb(217, 0, 224)  
}
```

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, 0, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 0, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 104.941, 326.987 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, 0, 224) }
```

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

```
.border{ border-color:rgb(217, 0, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 0, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 0, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 0, 224);  
box-shadow:4px 4px 4px 4px rgb(217, 0,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 104.941, 326.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 0, 224) }
```

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

```
.background{ background-color: rgb(217, 0,  
224) }
```

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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