

Converting Colors

CIELCh(52, 94.265, 325.749)

Have a look what the booklet for
CIELCh(52, 94.265, 325.749)
contains.

CIELCh(52, 94.401, 325.581)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(52, 94.401, 325.581)

Conversions

Conversions Part 1

Format	Color
Hex	CD30D9
RGB	205, 48, 217
RGB Percent	80%, 19%, 85%
CMY	0.1955, 0.8110, 0.1485
CMYK	0.06, 0.78, 0.00, 0.15
HSL	296°, 69%, 52%
HSV	296°, 78%, 85%
XYZ	38.8213, 20.1443, 67.5791
YIQ	114.2090, 39.3230, 85.8430

Conversions

Conversions Part 2

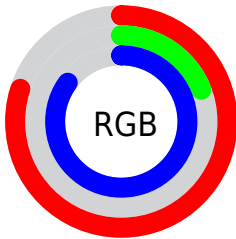
Format	Color
R _{YB}	205, 48, 217
Decimal	13447385
CIE _{Lab}	52.00, 77.87, -53.36
CIE _{LCh}	52, 94.401, 325.581
Y _{xy}	20.1443, 0.3068, 0.1592
Android (android.graphics.Color)	4291637465 (0xFFCD30D9)
YUV	114.2090, 50.6760, 79.6237
Hunter-Lab	44.8824, 75.8504, -57.8547

Details

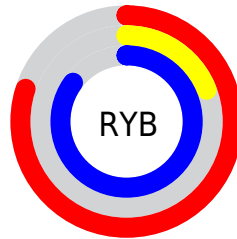
The CIELCh color **52, 94.401, 325.581** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light muted magenta. A complement of this color would be **77, 95.756, 136.468**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **70, 85.655, 327.317**, and **35, 82.428, 324.651** is the 20% darker color. If you saturate the color by 10%, you get **50, 99.656, 325.592**, and if you desaturate by 10%, it is **55, 86.541, 325.434**.

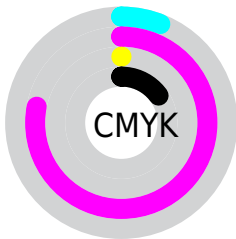
Distribution



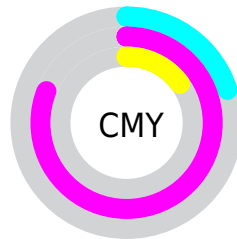
- Red (80%)
- Green (19%)
- Blue (85%)



- Red (80%)
- Yellow (19%)
- Blue (85%)



- Cyan (6%)
- Magenta (78%)
- Yellow (0%)
- Black (15%)





- Cyan (20%)
- Magenta (81%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 94.401, 325.581 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, 94.401, 325.581 by changing the saturation by 10% instead.


 52, 94.401,
325.581


 52, 94.401,
325.581


 100, 94.401,
325.581


 42, 94.401,
325.581


 72, 94.401,
325.581

 32, 94.401,
325.581

 82, 94.401,
325.581

 22, 94.401,
325.581

 92, 94.401,
325.581

 12, 94.401,
325.581

 2, 94.401, 325.581

 0, 94.401, 325.581

■ 52, 94.401,
325.581

■ 52, 94.401,
325.581

■ 50, 99.656,
325.592

■ 55, 86.541,
325.434

■ 49, 102.353,
325.467

■ 58, 76.458,
325.169

■ 49, 102.793,
325.432

■ 62, 64.693,
324.809

■ 67, 51.803,
324.381

■ 72, 38.270,
323.908

■ 77, 24.469,
323.408

■ 82, 10.667,
322.891

■ 88, 2.957, 142.503

■ 94, 16.291,
141.947

Harmonies

Complementary

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



52, 94.401, 325.581



77, 95.756, 136.468

Rectangle

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



52, 94.401, 325.581



52, 94.401, 15.581



52, 94.401, 145.581



52, 94.401, 195.581

Sweetspot

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



52, 94.399, 325.581



86, 36.061, 323.680



36, 93.187, 301.087



44, 24.963, 323.861



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, 94.399, 325.581



58, 114.640, 325.530



51, 72.225, 348.682



43, 7.828, 322.977



39, 86.908, 325.474



6, 34.286, 325.729

Inverse Universe

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



49, 73.209, 28.662



54, 97.142, 35.452



77, 73.043, 149.749



43, 4.652, 14.192



36, 75.321, 37.019



5, 23.749, 17.206

Previews

White Background



This preview shows how the CIELCh color 52, 94.401, 325.581 looks on a white background.

Color Contrast Check

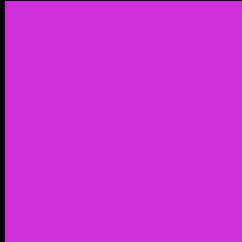
Large Text (above 18pt) WCAG AA ✓ Pass

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, 94.401, 325.581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

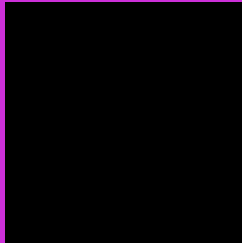
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 94.401, 325.581

Background



This preview shows how black text looks on a background with the CIELCh color 52, 94.401, 325.581.



This preview shows how white text looks on a background with the CIELCh color 52, 94.401, 325.581.

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, 94.401, 325.581

Protanopia

52, 77.596, 287.570

Deuteranopia

52, 47.855, 279.805



Tritanopia
52, 42.076, 19.985

Trichromacy



Original Color
52, 94.401, 325.581



Protanomaly
47, 85.850, 297.759



Deuteranomaly
49, 66.388, 303.311



Tritanomaly
51, 55.635, 347.292

Monochromacy



Original Color
52, 94.401, 325.581



Achromatopsia
48, 0.006, 296.813



Achromatomaly
47, 41.642, 324.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 94.401, 325.581 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(205, 48, 217)` looks like.

```
.text, #text, p{  
    color:rgb(205, 48, 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(205, 48, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 48, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 94.401, 325.581 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(205, 48, 217) }
```

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

```
.border{ border-color:rgb(205, 48, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 48, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 48, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 48, 217);  
box-shadow:4px 4px 4px 4px rgb(205, 48,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 94.401, 325.581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 48, 217) }
```

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

```
.background{ background-color: rgb(205, 48,  
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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