

Converting Colors

CIELCh(52, 105.615, 326.246)

Have a look what the booklet for
CIELCh(52, 105.615, 326.246)
contains.

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Color

CIELCh(52, 105.732, 326.112)

Conversions

Conversions Part 1

Format	Color
Hex	D706E3
RGB	215, 6, 227
RGB Percent	84%, 2%, 89%
CMY	0.1563, 0.9779, 0.1093
CMYK	0.05, 0.98, 0.00, 0.11
HSL	297°, 95%, 46%
HSV	297°, 98%, 89%
XYZ	42.0121, 20.1443, 74.4470
YIQ	93.6850, 53.6230, 113.0390

Conversions

Conversions Part 2

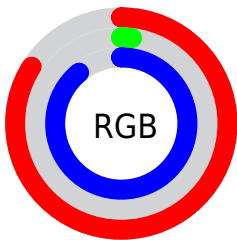
Format	Color
RYB	215, 6, 227
Decimal	14092003
CIELab	52.00, 87.77, -58.95
CIELCh	52, 105.732, 326.112
Yxy	20.1443, 0.3075, 0.1475
Android (android.graphics.Color)	4292282083 (0xFFD706E3)
YUV	93.6850, 65.7243, 106.3933
Hunter-Lab	44.8824, 88.5404, -66.9273

Details

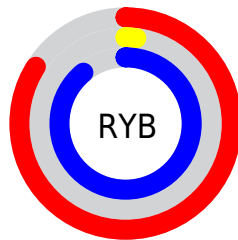
The CIELCh color **52, 105.732, 326.112** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **79, 108.920, 135.898**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 92.240, 327.524**, and **38, 86.182, 324.619** is the 20% darker color. If you saturate the color by 10%, you get **52, 106.203, 326.083**, and if you desaturate by 10%, it is **53, 103.011, 326.191**.

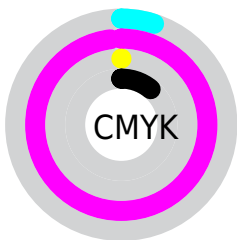
Distribution



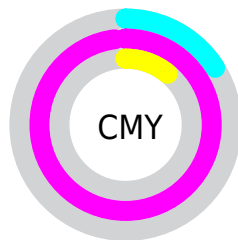
- Red (84%)
- Green (2%)
- Blue (89%)



- Red (84%)
- Yellow (2%)
- Blue (89%)



- Cyan (5%)
- Magenta (98%)
- Yellow (0%)
- Black (11%)





- Cyan (16%)
- Magenta (98%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 105.732, 326.112 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, 105.732, 326.112 by changing the saturation by 10% instead.


 52, 105.732,
326.112


 52, 105.732,
326.112


 100, 105.732,
326.112


 42, 105.732,
326.112


 72, 105.732,
326.112


 32, 105.732,
326.112


 82, 105.732,
326.112

 22, 105.732,
326.112

 92, 105.732,
326.112

 12, 105.732,
326.112

 2, 105.732,
326.112

 0, 105.732,
326.112

■ 52, 105.732,
326.112

■ 52, 105.732,
326.112

■ 52, 106.203,
326.083

■ 53, 103.011,
326.191

■ 55, 97.625,
326.145

■ 58, 89.537,
325.972

■ 61, 79.120,
325.687

■ 65, 66.930,
325.313

■ 70, 53.543,
324.873

■ 75, 39.467,
324.388

■ 80, 25.096,

323.877

■ 86, 10.716,
323.348

Harmonies

Complementary

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



52, 105.732, 326.112



79, 108.920, 135.898

Rectangle

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



52, 105.732, 326.112



52, 105.732, 16.112



52, 105.732, 146.112



52, 105.732, 196.112

Sweetspot

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



52, 105.730, 326.112



82, 45.660, 324.471



30, 118.314, 305.385



41, 31.277, 324.681



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, 105.730, 326.112



58, 115.913, 326.070



50, 78.709, 355.507



45, 8.168, 323.452



41, 88.685, 326.117



8, 37.192, 326.439

Inverse Universe

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



48, 92.332, 37.661



53, 102.494, 38.509



80, 86.437, 146.245



45, 4.822, 15.556



37, 77.697, 37.786



6, 26.934, 19.525

Previews

White Background



This preview shows how the CIELCh color 52, 105.732, 326.112 looks on a white background.

Color Contrast Check

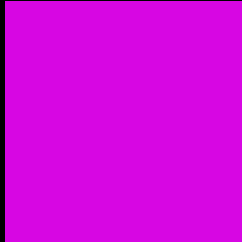
Large Text (above 18pt) WCAG AA ✓ Pass

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, 105.732, 326.112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

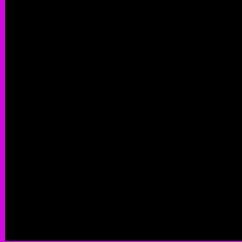
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 105.732, 326.112

Background



This preview shows how black text looks on a background with the CIELCh color 52, 105.732, 326.112.



This preview shows how white text looks on a background with the CIELCh color 52, 105.732, 326.112.

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, 105.650, 326.108

Protanopia

53, 77.483, 287.585

Deuteranopia

53, 52.001, 279.429



Tritanopia
52, 48.426, 22.466

Trichromacy



Original Color
52, 105.650, 326.108



Protanomaly
44, 96.824, 302.026



Deuteranomaly
45, 80.540, 305.489



Tritanomaly
50, 65.627, 348.128

Monochromacy



Original Color
52, 105.650, 326.108



Achromatopsia
40, 0.006, 296.813



Achromatomaly
39, 53.340, 325.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 105.732, 326.112 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(215, 6, 227)` looks like.

```
.text, #text, p{  
    color:rgb(215, 6, 227)  
}
```

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(215, 6, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 6, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 105.732, 326.112 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(215, 6, 227) }
```

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

```
.border{ border-color:rgb(215, 6, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 6, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 6, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 6, 227);  
box-shadow:4px 4px 4px 4px rgb(215, 6,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 105.732, 326.112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 6, 227) }
```

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

```
.background{ background-color: rgb(215, 6,  
227) }
```

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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