

Converting Colors

CIELCh(52, 98.164, 326.077)

Have a look what the booklet for
CIELCh(52, 98.164, 326.077)
contains.

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Color

CIELCh(52, 98.308, 325.967)

Conversions

Conversions Part 1

Format	Color
Hex	D126DC
RGB	209, 38, 220
RGB Percent	82%, 15%, 86%
CMY	0.1799, 0.8502, 0.1368
CMYK	0.05, 0.83, 0.00, 0.14
HSL	296°, 72%, 51%
HSV	296°, 83%, 86%
XYZ	39.9611, 20.1443, 69.5720
YIQ	109.8770, 43.4940, 92.8540

Conversions

Conversions Part 2

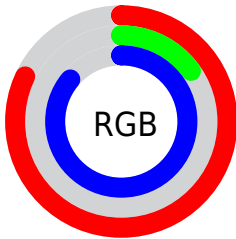
Format	Color
R _Y B	209, 38, 220
Decimal	13706972
CIE Lab	52.00, 81.47, -55.02
CIE LCh	52, 98.308, 325.967
Yxy	20.1443, 0.3082, 0.1553
Android (android.graphics.Color)	4291897052 (0xFFD126DC)
YUV	109.8770, 54.2906, 86.9309
Hunter-Lab	44.8824, 80.3832, -60.4874

Details

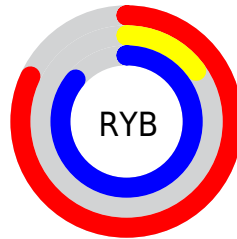
The CIELCh color **52, 98.308, 325.967** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **77, 100.269, 136.296**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 88.081, 327.393**, and **36, 83.500, 324.940** is the 20% darker color. If you saturate the color by 10%, you get **51, 102.244, 325.934**, and if you desaturate by 10%, it is **54, 91.674, 325.867**.

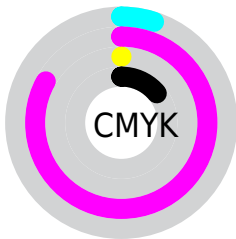
Distribution



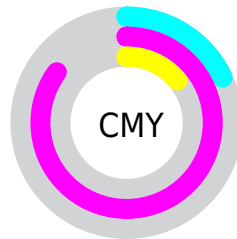
- Red (82%)
- Green (15%)
- Blue (86%)



- Red (82%)
- Yellow (15%)
- Blue (86%)



- Cyan (5%)
- Magenta (83%)
- Yellow (0%)
- Black (14%)





- Cyan (18%)
- Magenta (85%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 98.308, 325.967 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, 98.308, 325.967 by changing the saturation by 10% instead.


 52, 98.308,
325.967


 52, 98.308,
325.967


 100, 98.308,
325.967


 42, 98.308,
325.967


 72, 98.308,
325.967

 32, 98.308,
325.967

 82, 98.308,
325.967

 22, 98.308,
325.967

 92, 98.308,
325.967

 12, 98.308,
325.967

 2, 98.308, 325.967

 0, 98.308, 325.967

■ 52, 98.308,
325.967

■ 52, 98.308,
325.967

■ 51, 102.244,
325.934

■ 54, 91.674,
325.867

■ 50, 103.768,
325.841

■ 57, 82.565,
325.644

■ 61, 71.459,
325.318

■ 65, 58.924,
324.913

■ 70, 45.493,
324.453

■ 75, 31.604,
323.958

■ 81, 17.584,
323.443

■ 86, 3.660, 322.877

■ 92, 10.021,
142.475

Harmonies

Complementary

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



52, 98.308, 325.967



77, 100.269, 136.296

Rectangle

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



52, 98.308, 325.967



52, 98.308, 15.967



52, 98.308, 145.967



52, 98.308, 195.967

Sweetspot

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



52, 98.306, 325.967



85, 39.315, 324.087



34, 101.758, 302.745



43, 26.814, 324.263



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, 98.306, 325.967



58, 115.783, 325.837



50, 74.336, 351.001



43, 7.853, 323.274



39, 86.839, 325.879



6, 34.333, 326.097

Inverse Universe

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



48, 78.797, 31.391



53, 101.669, 38.049



78, 75.927, 149.507



43, 4.647, 15.043



36, 75.736, 37.462



5, 23.759, 17.663

Previews

White Background



This preview shows how the CIELCh color 52, 98.308, 325.967 looks on a white background.

Color Contrast Check

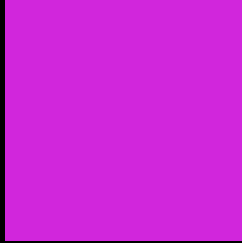
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 52, 98.308, 325.967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

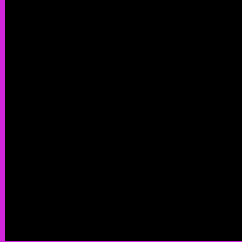
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 98.308, 325.967

Background



This preview shows how black text looks on a background with the CIELCh color 52, 98.308, 325.967.

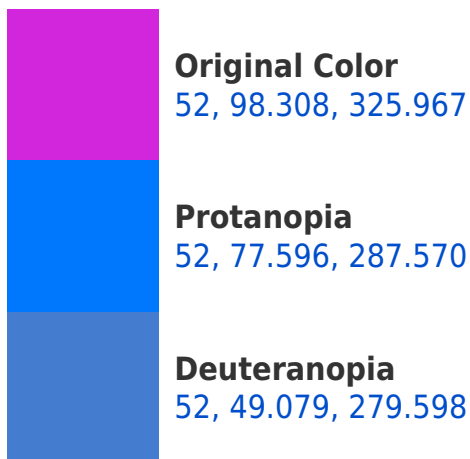


This preview shows how white text looks on a background with the CIELCh color 52, 98.308, 325.967.

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





Tritanopia
52, 44.853, 21.492

Trichromacy



Original Color
52, 98.308, 325.967



Protanomaly
46, 88.846, 298.845



Deuteranomaly
48, 70.000, 303.993



Tritanomaly
51, 58.683, 348.338

Monochromacy



Original Color
52, 98.308, 325.967



Achromatopsia
46, 0.006, 296.813



Achromatomaly
45, 44.473, 324.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 98.308, 325.967 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(209, 38, 220)` looks like.

```
.text, #text, p{  
    color:rgb(209, 38, 220)  
}
```

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(209, 38, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 38, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 98.308, 325.967 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(209, 38, 220) }
```

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

```
.border{ border-color:rgb(209, 38, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 38, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 38, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 38, 220);  
box-shadow:4px 4px 4px 4px rgb(209, 38,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 98.308, 325.967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 38, 220) }
```

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

```
.background{ background-color: rgb(209, 38,  
220) }
```

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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