

Converting Colors

CIELCh(52, 93.732, 328.003)

Have a look what the booklet for
CIELCh(52, 93.732, 328.003)
contains.

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Color

CIELCh(52, 93.798, 328.013)

Conversions

Conversions Part 1

Format	Color
Hex	D32AD3
RGB	211, 42, 211
RGB Percent	83%, 16%, 83%
CMY	0.1734, 0.8365, 0.1733
CMYK	0.00, 0.80, 0.00, 0.17
HSL	300°, 67%, 50%
HSV	300°, 80%, 83%
XYZ	39.3520, 20.1443, 63.3087
YIQ	111.7970, 46.4750, 88.3870

Conversions

Conversions Part 2

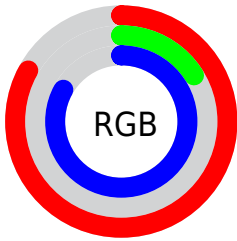
Format	Color
R _{YB}	211, 42, 211
Decimal	13839059
CIE Lab	52.00, 79.56, -49.69
CIE LCh	52, 93.798, 328.013
Yxy	20.1443, 0.3204, 0.1640
Android (android.graphics.Color)	4292029139 (0xFFD32AD3)
YUV	111.7970, 48.9071, 87.0010
Hunter-Lab	44.8824, 77.9608, -52.2135

Details

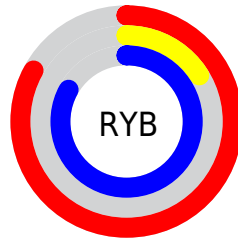
The CIELCh color **52, 93.798, 328.013** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **74, 96.242, 137.092**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 87.120, 327.363**, and **36, 80.151, 327.235** is the 20% darker color. If you saturate the color by 10%, you get **51, 98.041, 328.159**, and if you desaturate by 10%, it is **54, 87.004, 327.775**.

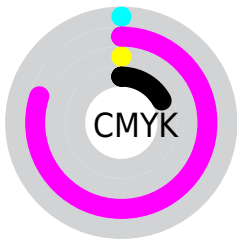
Distribution



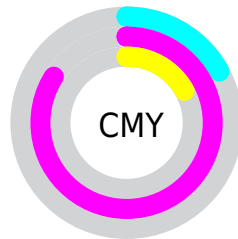
- Red (83%)
- Green (16%)
- Blue (83%)



- Red (83%)
- Yellow (16%)
- Blue (83%)



- Cyan (0%)
- Magenta (80%)
- Yellow (0%)
- Black (17%)





- Cyan (17%)
- Magenta (84%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 93.798, 328.013 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, 93.798, 328.013 by changing the saturation by 10% instead.


 52, 93.798,
328.013


 52, 93.798,
328.013


 100, 93.798,
328.013


 42, 93.798,
328.013


 72, 93.798,
328.013

 32, 93.798,
328.013

 82, 93.798,
328.013

 22, 93.798,
328.013

 92, 93.798,
328.013

 12, 93.798,
328.013

 2, 93.798, 328.013

 0, 93.798, 328.013

■ 52, 93.798,
328.013

■ 52, 93.798,
328.013

■ 51, 98.041,
328.159

■ 54, 87.004,
327.775

■ 50, 100.109,
328.230

■ 57, 77.886,
327.449

■ 60, 66.888,
327.046

■ 65, 54.537,
326.581

■ 69, 41.336,
326.073

■ 74, 27.702,
325.536

■ 79, 13.950,
324.980

■ 84, 0.303, 323.566

■ 90, 13.096,
143.937

Harmonies

Complementary

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



52, 93.798, 328.013



74, 96.242, 137.092

Rectangle

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



52, 93.798, 328.013



52, 93.798, 18.013



52, 93.798, 148.013



52, 93.798, 198.013

Sweetspot

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



52, 93.796, 328.013



85, 38.381, 325.755



32, 100.022, 303.520



44, 26.347, 325.948



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, 93.796, 328.013



61, 114.904, 328.211



48, 69.517, 354.043



41, 7.693, 324.934



40, 84.660, 328.230



6, 31.112, 327.822

Inverse Universe

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



46, 76.701, 34.029



53, 102.578, 39.209



75, 68.560, 152.398



41, 4.460, 19.922



35, 76.453, 39.861



4, 20.018, 19.464

Previews

White Background



This preview shows how the CIELCh color 52, 93.798, 328.013 looks on a white background.

Color Contrast Check

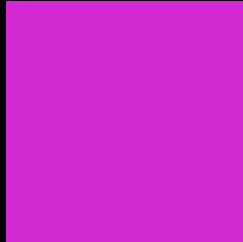
Large Text (above 18pt) WCAG AA ✓ Pass

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, 93.798, 328.013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

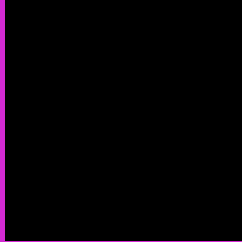
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 93.798, 328.013

Background



This preview shows how black text looks on a background with the CIELCh color 52, 93.798, 328.013.

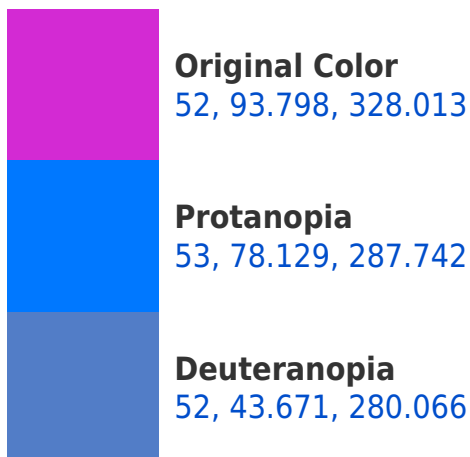


This preview shows how white text looks on a background with the CIELCh color 52, 93.798, 328.013.

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, 47.456, 21.603

Trichromacy



Original Color
52, 93.798, 328.013



Protanomaly
46, 85.973, 298.315



Deuteranomaly
48, 63.896, 306.306



Tritanomaly
51, 58.536, 351.256

Monochromacy



Original Color
52, 93.798, 328.013



Achromatopsia
47, 0.006, 296.813



Achromatomaly
46, 42.553, 326.612

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 93.798, 328.013 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(211, 42, 211)` looks like.

```
.text, #text, p{  
    color:rgb(211, 42, 211)  
}
```

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(211, 42, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 42, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 93.798, 328.013 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(211, 42, 211) }
```

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

```
.border{ border-color:rgb(211, 42, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 42, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 42, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 42, 211);  
box-shadow:4px 4px 4px 4px rgb(211, 42,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 93.798, 328.013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 42, 211) }
```

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

```
.background{ background-color: rgb(211, 42,  
211) }
```

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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