

Converting Colors

CIELCh(52, 90.776, 329.877)

Have a look what the booklet for
CIELCh(52, 90.776, 329.877)
contains.

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Color

CIELCh(52, 90.921, 329.893)

Conversions

Conversions Part 1

Format	Color
Hex	D52BCC
RGB	213, 43, 204
RGB Percent	84%, 17%, 80%
CMY	0.1659, 0.8330, 0.2011
CMYK	0.00, 0.80, 0.04, 0.17
HSL	303°, 67%, 50%
HSV	303°, 80%, 83%
XYZ	39.0670, 20.1443, 58.7793
YIQ	112.1840, 49.6390, 86.1110

Conversions

Conversions Part 2

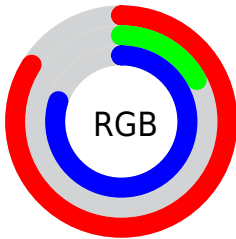
Format	Color
R _{YB}	213, 43, 204
Decimal	13970380
CIE _{Lab}	52.00, 78.65, -45.61
CIE _{LCh}	52, 90.921, 329.893
Yxy	20.1443, 0.3311, 0.1707
Android (android.graphics.Color)	4292160460 (0xFFD52BCC)
YUV	112.1840, 45.2653, 88.4156
Hunter-Lab	44.8824, 76.8276, -46.2301

Details

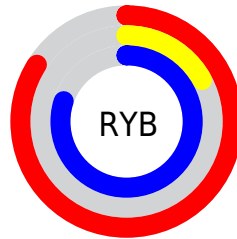
The CIELCh color **52, 90.921, 329.893** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **75, 94.540, 138.060**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 86.635, 327.348**, and **36, 77.341, 329.546** is the 20% darker color. If you saturate the color by 10%, you get **51, 94.893, 330.202**, and if you desaturate by 10%, it is **54, 84.372, 329.528**.

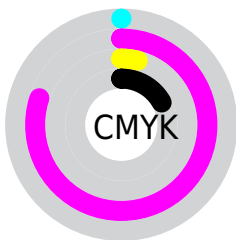
Distribution



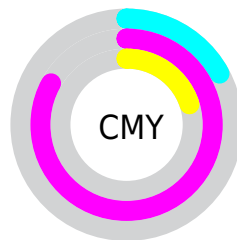
- Red (84%)
- Green (17%)
- Blue (80%)



- Red (84%)
- Yellow (17%)
- Blue (80%)



- Cyan (0%)
- Magenta (80%)
- Yellow (4%)
- Black (17%)





- Cyan (17%)
- Magenta (83%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 90.921, 329.893 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, 90.921, 329.893 by changing the saturation by 10% instead.


 52, 90.921,
329.893


 52, 90.921,
329.893


 100, 90.921,
329.893


 42, 90.921,
329.893


 72, 90.921,
329.893

 32, 90.921,
329.893

 82, 90.921,
329.893

 22, 90.921,
329.893

 92, 90.921,
329.893

 12, 90.921,
329.893

 2, 90.921, 329.893

 0, 90.921, 329.893

■ 52, 90.921,
329.893

■ 52, 90.921,
329.893

■ 51, 94.893,
330.202

■ 54, 84.372,
329.528

■ 50, 96.659,
330.471

■ 57, 75.503,
329.105

■ 50, 96.662,
330.471

■ 61, 64.778,
328.629

■ 65, 52.735,
328.112

■ 70, 39.874,
327.565

■ 75, 26.607,
327.001

■ 80, 13.238,
326.425

■ 85, 0.021, 159.469

■ 91, 13.031,
145.363

Harmonies

Complementary

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



52, 90.921, 329.893



75, 94.540, 138.060

Rectangle

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



52, 90.921, 329.893



52, 90.921, 19.893



52, 90.921, 149.893



52, 90.921, 199.893

Sweetspot

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



52, 90.918, 329.893



85, 37.039, 327.244



32, 101.545, 304.361



43, 25.428, 327.446



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, 90.918, 329.893



60, 110.303, 330.392



48, 68.458, 359.202



42, 7.571, 326.393



40, 82.154, 330.436



6, 31.714, 329.820

Inverse Universe

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



52, 90.918, 329.893



60, 110.303, 330.392



76, 64.526, 155.948



42, 7.571, 326.393



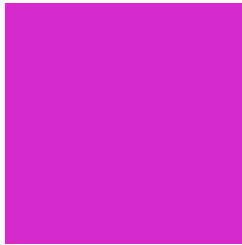
40, 82.154, 330.436



6, 31.714, 329.820

Previews

White Background



This preview shows how the CIELCh color 52, 90.921, 329.893 looks on a white background.

Color Contrast Check

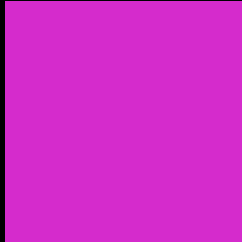
Large Text (above 18pt) WCAG AA ✓ Pass

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, 90.921, 329.893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

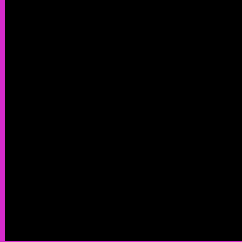
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 90.921, 329.893

Background



This preview shows how black text looks on a background with the CIELCh color 52, 90.921, 329.893.

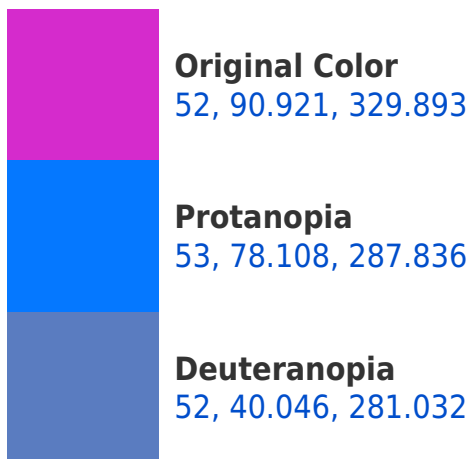


This preview shows how white text looks on a background with the CIELCh color 52, 90.921, 329.893.

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, 49.822, 22.882

Trichromacy



Original Color
52, 90.921, 329.893



Protanomaly
46, 84.268, 298.580



Deuteranomaly
48, 60.868, 308.745



Tritanomaly
51, 58.560, 354.268

Monochromacy



Original Color
52, 90.921, 329.893



Achromatopsia
47, 0.006, 296.813



Achromatomaly
46, 40.721, 328.502

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 90.921, 329.893 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(213, 43, 204)` looks like.

```
.text, #text, p{  
    color:rgb(213, 43, 204)  
}
```

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(213, 43, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 43, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 90.921, 329.893 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(213, 43, 204) }
```

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

```
.border{ border-color:rgb(213, 43, 204) }
```

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

Here you see how a box with a 4 pixel rgb(213, 43, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 43, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 43, 204);  
box-shadow:4px 4px 4px 4px rgb(213, 43,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 90.921, 329.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 43, 204) }
```

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

```
.background{ background-color: rgb(213, 43,  
204) }
```

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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