

Converting Colors

CIELCh(52, 81.625, 331.344)

Have a look what the booklet for
CIELCh(52, 81.625, 331.344)
contains.

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Color

CIELCh(52, 81.366, 331.366)

Conversions

Conversions Part 1

Format	Color
Hex	CF3AC0
RGB	207, 58, 192
RGB Percent	81%, 23%, 75%
CMY	0.1876, 0.7718, 0.2465
CMYK	0.00, 0.72, 0.07, 0.19
HSL	306°, 61%, 52%
HSV	306°, 72%, 81%
XYZ	36.8287, 20.1443, 51.9025
YIQ	117.8270, 45.7900, 73.2620

Conversions

Conversions Part 2

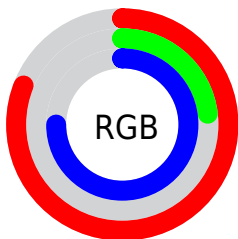
Format	Color
R _Y B	207, 58, 192
Decimal	13580992
CIE Lab	52.00, 71.41, -38.99
CIE LCh	52, 81.366, 331.366
Yxy	20.1443, 0.3383, 0.1850
Android (android.graphics.Color)	4291771072 (0xFFCF3AC0)
YUV	117.8270, 36.5673, 78.2047
Hunter-Lab	44.8824, 67.9256, -37.1459

Details

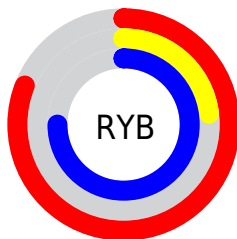
The CIELCh color **52, 81.366, 331.366** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **74, 84.002, 140.185**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 79.760, 328.546**, and **34, 73.126, 331.349** is the 20% darker color. If you saturate the color by 10%, you get **50, 87.036, 331.862**, and if you desaturate by 10%, it is **55, 73.368, 330.847**.

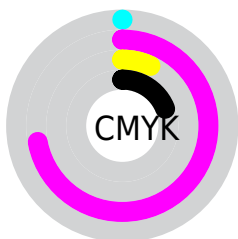
Distribution



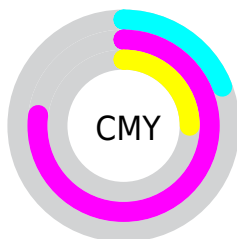
- Red (81%)
- Green (23%)
- Blue (75%)



- Red (81%)
- Yellow (23%)
- Blue (75%)



- Cyan (0%)
- Magenta (72%)
- Yellow (7%)
- Black (19%)





- Cyan (19%)
- Magenta (77%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 81.366, 331.366 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, 81.366, 331.366 by changing the saturation by 10% instead.


 52, 81.366,
331.366


 52, 81.366,
331.366


 100, 81.366,
331.366


 42, 81.366,
331.366


 72, 81.366,
331.366

 32, 81.366,
331.366

 82, 81.366,
331.366

 22, 81.366,
331.366

 92, 81.366,
331.366

 12, 81.366,
331.366

 2, 81.366, 331.366

 0, 81.366, 331.366

■ 52, 81.366,
331.366

■ 52, 81.366,
331.366

■ 50, 87.036,
331.862

■ 55, 73.368,
330.847

■ 49, 90.184,
332.345

■ 58, 63.493,
330.302

■ 48, 91.247,
332.736

■ 62, 52.263,
329.734

■ 67, 40.177,
329.150

■ 72, 27.647,
328.558

■ 77, 14.981,
327.963

■ 82, 2.394, 327.284

■ 88, 9.975, 146.873

■ 93, 22.044,
146.317

Harmonies

Complementary

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



52, 81.366, 331.366



74, 84.002, 140.185

Rectangle

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



52, 81.366, 331.366



52, 81.366, 21.366



52, 81.366, 151.366



52, 81.366, 201.366

Sweetspot

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



52, 81.363, 331.366



86, 32.857, 328.579



36, 89.482, 303.686



44, 22.076, 328.742



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, 81.363, 331.366



60, 104.051, 332.110



49, 62.130, 0.613



41, 7.180, 327.812



39, 78.269, 332.664



5, 28.802, 331.370

Inverse Universe

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



52, 81.363, 331.366



60, 104.051, 332.110



75, 55.750, 160.459



41, 7.180, 327.812



39, 78.269, 332.664



5, 28.802, 331.370

Previews

White Background



This preview shows how the CIELCh color 52, 81.366, 331.366 looks on a white background.

Color Contrast Check

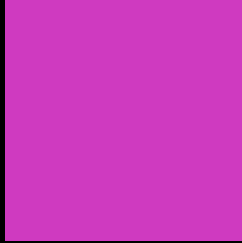
Large Text (above 18pt) WCAG AA ✓ Pass

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, 81.366, 331.366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

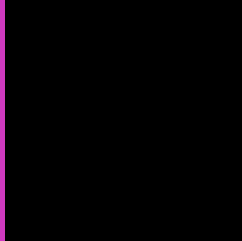
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 81.366, 331.366

Background



This preview shows how black text looks on a background with the CIELCh color 52, 81.366, 331.366.

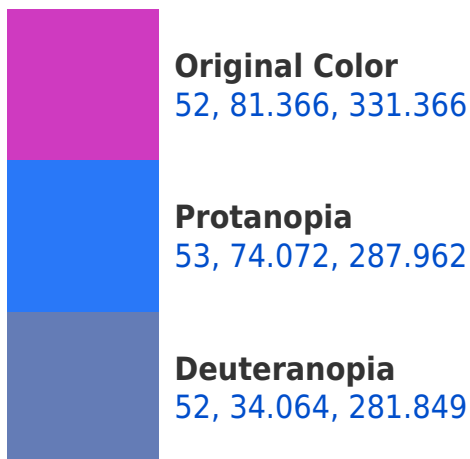


This preview shows how white text looks on a background with the CIELCh color 52, 81.366, 331.366.

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, 46.675, 22.015

Trichromacy



Original Color
52, 81.366, 331.366



Protanomaly
48, 75.795, 299.507



Deuteranomaly
50, 51.783, 309.935



Tritanomaly
51, 54.026, 355.579

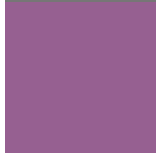
Monochromacy



Original Color
52, 81.366, 331.366



Achromatopsia
50, 0.007, 296.813



Achromatomaly
48, 34.957, 329.079

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 81.366, 331.366 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(207, 58, 192)` looks like.

```
.text, #text, p{  
    color:rgb(207, 58, 192)  
}
```

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(207, 58, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 58, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 81.366, 331.366 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(207, 58, 192) }
```

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

```
.border{ border-color:rgb(207, 58, 192) }
```

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

Here you see how a box with a 4 pixel rgb(207, 58, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 58, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 58, 192);  
box-shadow:4px 4px 4px 4px rgb(207, 58,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 81.366, 331.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 58, 192) }
```

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

```
.background{ background-color: rgb(207, 58,  
192) }
```

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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