

Converting Colors

CIELCh(52, 87.315, 332.030)

Have a look what the booklet for
CIELCh(52, 87.315, 332.030)
contains.

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Color

CIELCh(52, 87.474, 331.961)

Conversions

Conversions Part 1

Format	Color
Hex	D62DC4
RGB	214, 45, 196
RGB Percent	84%, 18%, 77%
CMY	0.1610, 0.8237, 0.2315
CMYK	0.00, 0.79, 0.08, 0.16
HSL	306°, 67%, 51%
HSV	306°, 79%, 84%
XYZ	38.6124, 20.1443, 54.0519
YIQ	112.7450, 52.2530, 82.7890

Conversions

Conversions Part 2

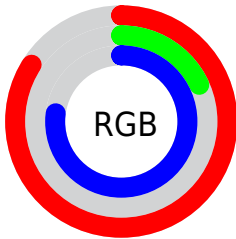
Format	Color
R_{YB}	214, 45, 196
Decimal	14036420
CIE _{Lab}	52.00, 77.21, -41.12
CIE _{LCh}	52, 87.474, 331.961
Yxy	20.1443, 0.3423, 0.1786
Android (android.graphics.Color)	4292226500 (0xFFD62DC4)
YUV	112.7450, 41.0447, 88.8006
Hunter-Lab	44.8824, 75.0193, -39.9852

Details

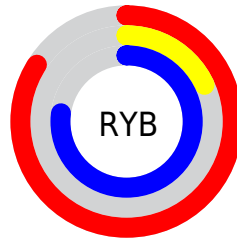
The CIELCh color **52, 87.474, 331.961** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **75, 91.667, 139.330**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 85.358, 327.750**, and **36, 74.673, 331.826** is the 20% darker color. If you saturate the color by 10%, you get **50, 91.382, 332.469**, and if you desaturate by 10%, it is **54, 80.987, 331.442**.

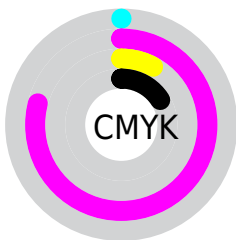
Distribution



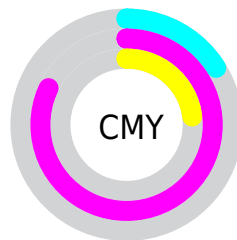
- Red (84%)
- Green (18%)
- Blue (77%)



- Red (84%)
- Yellow (18%)
- Blue (77%)



- Cyan (0%)
- Magenta (79%)
- Yellow (8%)
- Black (16%)





- Cyan (16%)
- Magenta (82%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 87.474, 331.961 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, 87.474, 331.961 by changing the saturation by 10% instead.


 52, 87.474,
331.961


 52, 87.474,
331.961


 100, 87.474,
331.961


 42, 87.474,
331.961


 72, 87.474,
331.961

 32, 87.474,
331.961

 82, 87.474,
331.961

 22, 87.474,
331.961

 92, 87.474,
331.961

 12, 87.474,
331.961

 2, 87.474, 331.961

 0, 87.474, 331.961

■ 52, 87.474,
331.961

■ 52, 87.474,
331.961

■ 50, 91.382,
332.469

■ 54, 80.987,
331.442

■ 50, 92.935,
332.983

■ 57, 72.226,
330.902

■ 50, 93.046,
333.034

■ 61, 61.682,
330.339

■ 66, 49.901,
329.758

■ 70, 37.373,
329.164

■ 75, 24.491,
328.566

■ 81, 11.544,
327.964

■ 86, 1.273, 147.648

■ 92, 13.836,
146.877

Harmonies

Complementary

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



52, 87.474, 331.961



75, 91.667, 139.330

Rectangle

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



52, 87.474, 331.961



52, 87.474, 21.961



52, 87.474, 151.961



52, 87.474, 201.961

Sweetspot

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



52, 87.471, 331.961



85, 35.704, 328.880



33, 100.502, 304.792



43, 24.514, 329.095



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, 87.471, 331.961



59, 105.713, 332.826



49, 67.666, 2.948



42, 7.295, 327.990



39, 78.785, 332.952



6, 30.485, 331.828

Inverse Universe

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



52, 87.471, 331.961



59, 105.713, 332.826



77, 61.073, 159.085



42, 7.295, 327.990



39, 78.785, 332.952



6, 30.485, 331.828

Previews

White Background



This preview shows how the CIELCh color 52, 87.474, 331.961 looks on a white background.

Color Contrast Check

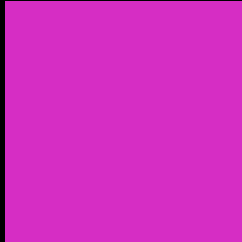
Large Text (above 18pt) WCAG AA ✓ Pass

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, 87.474, 331.961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

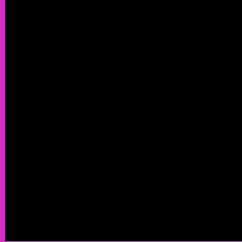
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 87.474, 331.961

Background



This preview shows how black text looks on a background with the CIELCh color 52, 87.474, 331.961.

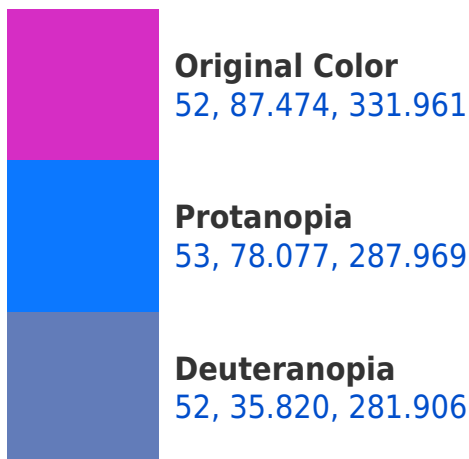


This preview shows how white text looks on a background with the CIELCh color 52, 87.474, 331.961.

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, 51.297, 23.843

Trichromacy



Original Color
52, 87.474, 331.961



Protanomaly
47, 82.479, 298.710



Deuteranomaly
49, 56.665, 310.920



Tritanomaly
51, 58.496, 356.954

Monochromacy



Original Color
52, 87.474, 331.961



Achromatopsia
48, 0.006, 296.813



Achromatomaly
46, 39.376, 330.047

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 87.474, 331.961 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(214, 45, 196)` looks like.

```
.text, #text, p{  
    color:rgb(214, 45, 196)  
}
```

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(214, 45, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 45, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 87.474, 331.961 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(214, 45, 196) }
```

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

```
.border{ border-color:rgb(214, 45, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 45, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 45, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 45, 196);  
box-shadow:4px 4px 4px 4px rgb(214, 45,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 87.474, 331.961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 45, 196) }
```

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

```
.background{ background-color: rgb(214, 45,  
196) }
```

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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