

Converting Colors

CIELCh(53, 98.239, 328.099)

Have a look what the booklet for
CIELCh(53, 98.239, 328.099)
contains.

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Color

CIELCh(53, 98.413, 328.090)

Conversions

Conversions Part 1

Format	Color
Hex	DA22DA
RGB	218, 34, 218
RGB Percent	85%, 13%, 85%
CMY	0.1459, 0.8681, 0.1459
CMYK	0.00, 0.85, 0.00, 0.15
HSL	300°, 73%, 49%
HSV	300°, 85%, 85%
XYZ	42.0386, 21.0462, 68.0372
YIQ	109.9920, 50.6000, 96.2320

Conversions

Conversions Part 2

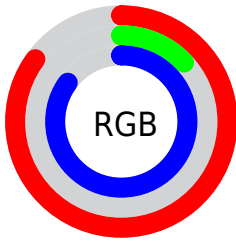
Format	Color
R _Y B	218, 34, 218
Decimal	14295770
CIE Lab	53.00, 83.54, -52.02
CIE LCh	53, 98.413, 328.090
Yxy	21.0462, 0.3206, 0.1605
Android (android.graphics.Color)	4292485850 (0xFFDA22DA)
YUV	109.9920, 53.2479, 94.7230
Hunter-Lab	45.8761, 83.2852, -55.8176

Details

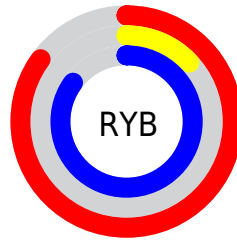
The CIELCh color **53, 98.413, 328.090** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **76, 101.298, 136.732**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 88.081, 327.393**, and **38, 82.402, 327.269** is the 20% darker color. If you saturate the color by 10%, you get **52, 101.611, 328.197**, and if you desaturate by 10%, it is **55, 92.604, 327.893**.

Distribution



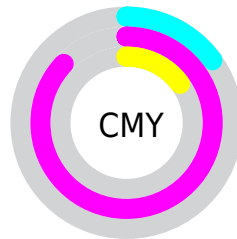
- Red (85%)
- Green (13%)
- Blue (85%)



- Red (85%)
- Yellow (13%)
- Blue (85%)



- Cyan (0%)
- Magenta (85%)
- Yellow (0%)
- Black (15%)





- Cyan (15%)
- Magenta (87%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 98.413, 328.090 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 53, 98.413, 328.090 by changing the saturation by 10% instead.


 53, 98.413,
328.090


 53, 98.413,
328.090


 100, 98.413,
328.090


 43, 98.413,
328.090


 73, 98.413,
328.090

 33, 98.413,
328.090

 83, 98.413,
328.090

 23, 98.413,
328.090

 93, 98.413,
328.090

 13, 98.413,
328.090

 3, 98.413, 328.090

 0, 98.413, 328.090

■ 53, 98.413,
328.090

■ 53, 98.413,
328.090

■ 52, 101.611,
328.197

■ 55, 92.604,
327.893

■ 52, 102.595,
328.230

■ 57, 84.265,
327.605

■ 61, 73.767,
327.234

■ 65, 61.633,
326.794

■ 69, 48.404,
326.301

■ 74, 34.553,
325.774

■ 79, 20.451,
325.225

■ 84, 6.367, 324.646

Harmonies

Complementary

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



53, 98.413, 328.090



76, 101.298, 136.732

Rectangle

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



53, 98.413, 328.090



53, 98.413, 18.090



53, 98.413, 148.090



53, 98.413, 198.090

Sweetspot

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



53, 98.410, 328.090



85, 39.975, 325.810



31, 107.447, 304.352



43, 27.247, 325.999



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53, 98.410, 328.090



60, 115.567, 328.230



49, 72.864, 355.349



43, 8.001, 324.936



41, 86.549, 328.230



7, 34.556, 328.171

Inverse Universe

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



47, 82.720, 35.649



53, 104.573, 39.998



77, 72.941, 151.468



43, 4.639, 19.926



36, 78.232, 39.926



5, 23.840, 20.266

Previews

White Background



This preview shows how the CIELCh color 53, 98.413, 328.090 looks on a white background.

Color Contrast Check

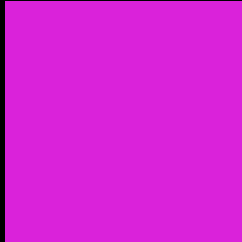
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 98.413, 328.090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

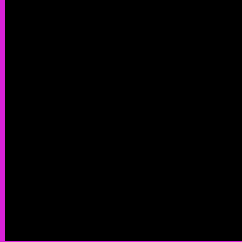
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 98.413, 328.090

Background



This preview shows how black text looks on a background with the CIELCh color 53, 98.413, 328.090.

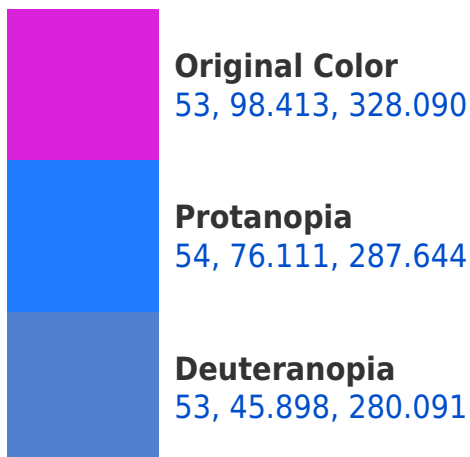


This preview shows how white text looks on a background with the CIELCh color 53, 98.413, 328.090.

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
53, 49.614, 22.683

Trichromacy



Original Color
53, 98.413, 328.090



Protanomaly
48, 87.161, 301.348



Deuteranomaly
49, 68.946, 306.579



Tritanomaly
52, 61.271, 351.696

Monochromacy



Original Color
53, 98.413, 328.090



Achromatopsia
46, 0.006, 296.813



Achromatomaly
45, 45.721, 326.757

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 98.413, 328.090 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(218, 34, 218)` looks like.

```
.text, #text, p{  
    color:rgb(218, 34, 218)  
}
```

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(218, 34, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 34, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 98.413, 328.090 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(218, 34, 218) }
```

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

```
.border{ border-color:rgb(218, 34, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 34, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 34, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 34, 218);  
box-shadow:4px 4px 4px 4px rgb(218, 34,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 98.413, 328.090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 34, 218) }
```

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

```
.background{ background-color: rgb(218, 34,  
218) }
```

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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