

Converting Colors

CIELCh(50, 111.510, 330.132)

Have a look what the booklet for
CIELCh(50, 111.510, 330.132)
contains.

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Color

CIELCh(53, 101.852, 329.910)

Conversions

Conversions Part 1

Format	Color
Hex	E101D8
RGB	225, 1, 216
RGB Percent	88%, 0%, 85%
CMY	0.1166, 0.9955, 0.1519
CMYK	0.00, 0.99, 0.04, 0.12
HSL	302°, 99%, 44%
HSV	302°, 99%, 88%
XYZ	43.5750, 21.0462, 66.9032
YIQ	92.4860, 64.4890, 114.3530

Conversions

Conversions Part 2

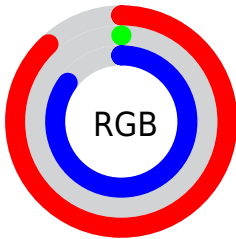
Format	Color
R _Y B	225, 1, 216
Decimal	14746072
CIE Lab	53.00, 88.13, -51.06
CIE LCh	53, 101.852, 329.910
Yxy	21.0462, 0.3313, 0.1600
Android (android.graphics.Color)	4292936152 (0xFFE101D8)
YUV	92.4860, 60.8924, 116.2148
Hunter-Lab	45.8761, 89.2632, -54.3520

Details

The CIELCh color **53, 101.852, 329.910** 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 **78, 108.286, 136.285**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 92.240, 327.524**, and **39, 81.491, 329.463** is the 20% darker color. If you saturate the color by 10%, you get **53, 101.925, 329.921**, and if you desaturate by 10%, it is **54, 99.947, 329.692**.

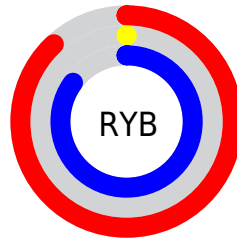
Distribution



Red (88%)

Green (0%)

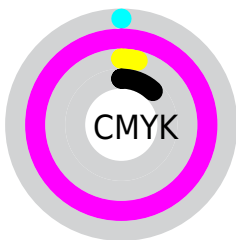
Blue (85%)



Red (88%)

Yellow (0%)

Blue (85%)

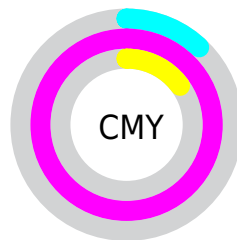


Cyan (0%)

Magenta (99%)

Yellow (4%)

Black (12%)



Cyan (12%)


Magenta (100%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 101.852, 329.910 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, 101.852, 329.910 by changing the saturation by 10% instead.


 53, 101.852,
329.910


 53, 101.852,
329.910


 100, 101.852,
329.910


 43, 101.852,
329.910


 73, 101.852,
329.910


 33, 101.852,
329.910


 83, 101.852,
329.910

 23, 101.852,
329.910

 93, 101.852,
329.910

 13, 101.852,
329.910

 3, 101.852,
329.910

 0, 101.852,
329.910

■ 53, 101.852,
329.910

■ 53, 101.852,
329.910

■ 53, 101.925,
329.921

■ 54, 99.947,
329.692

■ 55, 95.643,
329.422

■ 57, 88.640,
329.086

■ 61, 79.200,
328.684

■ 64, 67.818,
328.223

■ 69, 55.059,
327.716

■ 74, 41.450,
327.176

■ 79, 27.423,

326.616

■ 84, 13.297,
326.042

Harmonies

Complementary

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



53, 101.852, 329.910



78, 108.286, 136.285

Rectangle

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



53, 101.852, 329.910



53, 101.852, 19.910



53, 101.852, 149.910



53, 101.852, 199.910

Sweetspot

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



53, 101.849, 329.910



82, 46.617, 327.215



28, 121.458, 306.327



41, 31.719, 327.447



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, 101.849, 329.910



60, 111.910, 329.933



48, 76.800, 5.629



44, 7.934, 326.040



41, 84.784, 329.892



8, 34.974, 329.604

Inverse Universe

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



53, 101.849, 329.910



60, 111.910, 329.933



79, 78.556, 150.673



44, 7.934, 326.040



41, 84.784, 329.892



8, 34.974, 329.604

Previews

White Background



This preview shows how the CIE LCh color 53, 101.852, 329.910 looks on a white background.

Color Contrast Check

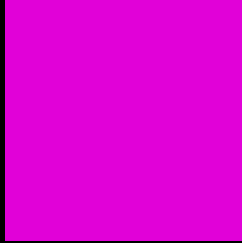
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 101.852, 329.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

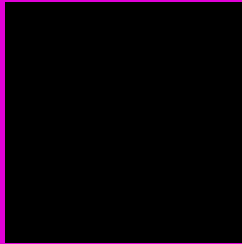
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 101.852, 329.910

Background



This preview shows how black text looks on a background with the CIELCh color 53, 101.852, 329.910.



This preview shows how white text looks on a background with the CIELCh color 53, 101.852, 329.910.

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



Original Color

53, 101.772, 329.909

Protanopia

54, 75.468, 287.497

Deuteranopia

54, 44.015, 280.416



Tritanopia
53, 55.530, 24.736

Trichromacy



Original Color
53, 101.772, 329.909



Protanomaly
46, 94.125, 304.165



Deuteranomaly
47, 74.601, 310.288



Tritanomaly
51, 68.043, 353.855

Monochromacy



Original Color
53, 101.772, 329.909



Achromatopsia
39, 0.006, 296.813



Achromatomaly
39, 53.014, 328.406

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 101.852, 329.910 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(225, 1, 216)` looks like.

```
.text, #text, p{  
    color:rgb(225, 1, 216)  
}
```

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(225, 1, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 1, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 101.852, 329.910 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(225, 1, 216) }
```

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

```
.border{ border-color:rgb(225, 1, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 1, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 1, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 1, 216);  
box-shadow:4px 4px 4px 4px rgb(225, 1,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 101.852, 329.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 1, 216) }
```

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

```
.background{ background-color: rgb(225, 1,  
216) }
```

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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