

Converting Colors

CIELCh(53, 103.363, 329.126)

Have a look what the booklet for
CIELCh(53, 103.363, 329.126)
contains.

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Color

CIELCh(53, 103.301, 329.146)

Conversions

Conversions Part 1

Format	Color
Hex	E100DC
RGB	225, 0, 220
RGB Percent	88%, 0%, 86%
CMY	0.1193, 1.0000, 0.1388
CMYK	0.00, 1.00, 0.02, 0.12
HSL	301°, 100%, 44%
HSV	301°, 100%, 88%
XYZ	43.7635, 21.0462, 69.1877
YIQ	92.3550, 63.4800, 116.1200

Conversions

Conversions Part 2

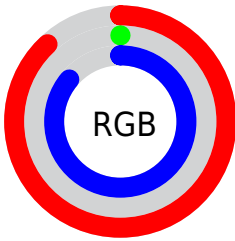
Format	Color
R_{YB}	225, 0, 220
Decimal	14745820
CIE _{Lab}	53.00, 88.68, -52.98
CIE _{LCh}	53, 103.301, 329.146
Yxy	21.0462, 0.3266, 0.1571
Android (android.graphics.Color)	4292935900 (0xFFE100DC)
YUV	92.3550, 62.9290, 116.3297
Hunter-Lab	45.8761, 89.9968, -57.3044

Details

The CIELCh color **53, 103.301, 329.146** 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, 108.439, 136.157**, 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, 83.041, 328.472** is the 20% darker color. If you saturate the color by 10%, you get **53, 103.160, 329.143**, and if you desaturate by 10%, it is **54, 101.197, 328.995**.

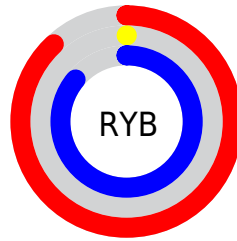
Distribution



Red (88%)

Green (0%)

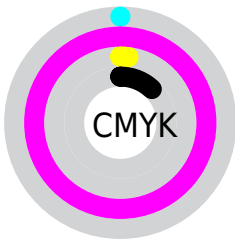
Blue (86%)



Red (88%)

Yellow (0%)

Blue (86%)

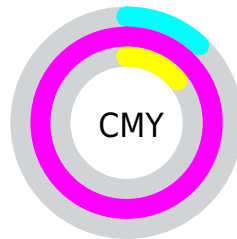


Cyan (0%)

Magenta (100%)

Yellow (2%)

Black (12%)



Cyan (12%)


Magenta (100%)


Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 103.301, 329.146 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, 103.301, 329.146 by changing the saturation by 10% instead.


 53, 103.301,
329.146


 53, 103.301,
329.146


 100, 103.301,
329.146


 43, 103.301,
329.146


 73, 103.301,
329.146


 33, 103.301,
329.146


 83, 103.301,
329.146

 23, 103.301,
329.146

 93, 103.301,
329.146

 13, 103.301,
329.146

 3, 103.301,
329.146

 0, 103.301,
329.146

■ 53, 103.301,
329.146

■ 53, 103.301,
329.146

■ 53, 103.160,
329.143

■ 54, 101.197,
328.995

■ 55, 96.914,
328.785

■ 57, 89.937,
328.496

■ 60, 80.504,
328.131

■ 64, 69.096,
327.698

■ 68, 56.275,
327.211

■ 73, 42.572,
326.685

■ 78, 28.423,

326.135

■ 84, 14.159,
325.569

Harmonies

Complementary

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



53, 103.301, 329.146



78, 108.439, 136.157

Rectangle

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



53, 103.301, 329.146



53, 103.301, 19.146



53, 103.301, 149.146



53, 103.301, 199.146

Sweetspot

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



53, 103.160, 329.143



82, 47.188, 326.696



28, 121.487, 306.326



41, 32.106, 326.923



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, 103.160, 329.143



60, 113.543, 329.149



48, 76.773, 4.219



44, 8.032, 325.537



42, 85.992, 329.128



8, 35.400, 328.973

Inverse Universe

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



53, 103.160, 329.143



60, 113.543, 329.149



79, 80.014, 149.680



44, 8.032, 325.537



42, 85.992, 329.128



8, 35.400, 328.973

Previews

White Background



This preview shows how the CIE LCh color 53, 103.301, 329.146 looks on a white background.

Color Contrast Check

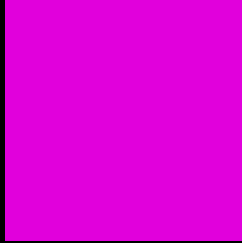
Large Text (above 18pt) WCAG AA ✓ Pass

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, 103.301, 329.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

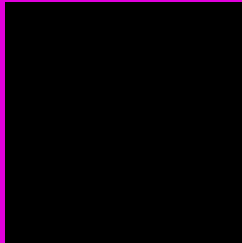
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 103.301, 329.146

Background



This preview shows how black text looks on a background with the CIELCh color 53, 103.301, 329.146.



This preview shows how white text looks on a background with the CIELCh color 53, 103.301, 329.146.

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, 103.301, 329.146

Protanopia

54, 75.456, 287.552

Deuteranopia

54, 45.804, 280.258



Tritanopia
53, 54.467, 23.932

Trichromacy



Original Color
53, 103.301, 329.146



Protanomaly
46, 94.611, 304.289



Deuteranomaly
47, 76.743, 309.546



Tritanomaly
51, 68.154, 352.693

Monochromacy



Original Color
53, 103.301, 329.146



Achromatopsia
39, 0.006, 296.813



Achromatomaly
39, 53.462, 328.038

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 103.301, 329.146 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, 0, 220)` looks like.

```
.text, #text, p{  
    color:rgb(225, 0, 220)  
}
```

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, 0, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 0, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 103.301, 329.146 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, 0, 220) }
```

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

```
.border{ border-color:rgb(225, 0, 220) }
```

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

Here you see how a box with a 4 pixel rgb(225, 0, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 0, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 0, 220);  
box-shadow:4px 4px 4px 4px rgb(225, 0,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 103.301, 329.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 0, 220) }
```

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

```
.background{ background-color: rgb(225, 0,  
220) }
```

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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