

Converting Colors

CIELCh(53, 99.046, 331.903)

Have a look what the booklet for
CIELCh(53, 99.046, 331.903)
contains.

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Color

CIELCh(53, 99.224, 331.908)

Conversions

Conversions Part 1

Format	Color
Hex	E401D1
RGB	228, 1, 209
RGB Percent	89%, 0%, 82%
CMY	0.1071, 0.9972, 0.1815
CMYK	0.00, 1.00, 0.08, 0.11
HSL	305°, 99%, 45%
HSV	305°, 100%, 89%
XYZ	43.3747, 21.0462, 61.9086
YIQ	92.5850, 68.5240, 112.8120

Conversions

Conversions Part 2

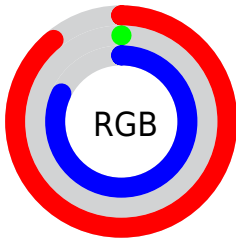
Format	Color
R _Y B	228, 1, 209
Decimal	14942673
CIE Lab	53.00, 87.53, -46.72
CIE LCh	53, 99.224, 331.908
Yxy	21.0462, 0.3433, 0.1666
Android (android.graphics.Color)	4293132753 (0xFFE401D1)
YUV	92.5850, 57.3926, 118.7590
Hunter-Lab	45.8761, 88.4839, -47.8970

Details

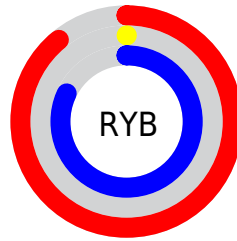
The CIELCh color **53, 99.224, 331.908** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **79, 108.302, 136.620**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 92.240, 327.524**, and **39, 79.234, 331.826** is the 20% darker color. If you saturate the color by 10%, you get **53, 99.258, 331.921**, and if you desaturate by 10%, it is **54, 97.655, 331.504**.

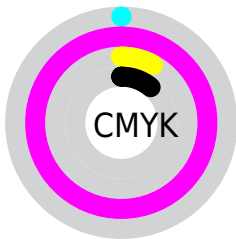
Distribution



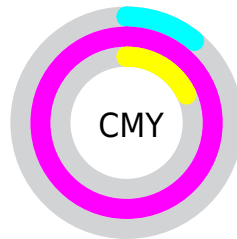
- Red (89%)
- Green (0%)
- Blue (82%)



- Red (89%)
- Yellow (0%)
- Blue (82%)



- Cyan (0%)
- Magenta (100%)
- Yellow (8%)
- Black (11%)





- Cyan (11%)
- Magenta (100%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 99.224, 331.908 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, 99.224, 331.908 by changing the saturation by 10% instead.


 53, 99.224,
331.908


 53, 99.224,
331.908


 100, 99.224,
331.908


 43, 99.224,
331.908


 73, 99.224,
331.908

 33, 99.224,
331.908

 83, 99.224,
331.908

 23, 99.224,
331.908

 93, 99.224,
331.908

 13, 99.224,
331.908

 3, 99.224, 331.908

 0, 99.224, 331.908

■ 53, 99.224,
331.908

■ 53, 99.224,
331.908

■ 53, 99.258,
331.921

■ 54, 97.655,
331.504

■ 55, 93.673,
331.083

■ 58, 86.961,
330.632

■ 61, 77.795,
330.144

■ 65, 66.681,
329.619

■ 69, 54.194,
329.064

■ 74, 40.866,
328.490

■ 79, 27.125,

327.905

■ 85, 13.290,
327.313

Harmonies

Complementary

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



53, 99.224, 331.908



79, 108.302, 136.620

Rectangle

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



53, 99.224, 331.908



53, 99.224, 21.908



53, 99.224, 151.908



53, 99.224, 201.908

Sweetspot

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



53, 99.221, 331.908



82, 45.267, 328.519



29, 122.253, 306.482



41, 30.803, 328.765



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, 99.221, 331.908



59, 108.089, 331.946



49, 77.665, 10.660



45, 7.844, 327.299



42, 82.827, 331.857



8, 35.110, 331.255

Inverse Universe

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



53, 99.221, 331.908



59, 108.089, 331.946



80, 74.995, 153.479



45, 7.844, 327.299



42, 82.827, 331.857



8, 35.110, 331.255

Previews

White Background



This preview shows how the CIELCh color 53, 99.224, 331.908 looks on a white background.

Color Contrast Check

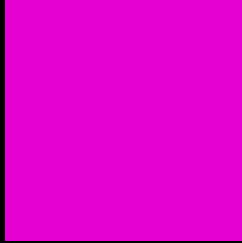
Large Text (above 18pt) WCAG AA ✓ Pass

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, 99.224, 331.908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

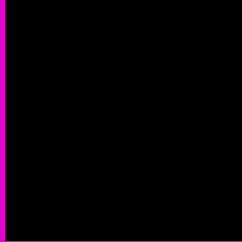
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 99.224, 331.908

Background



This preview shows how black text looks on a background with the CIELCh color 53, 99.224, 331.908.



This preview shows how white text looks on a background with the CIELCh color 53, 99.224, 331.908.

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, 99.303, 331.908

Protanopia

54, 75.456, 287.552

Deuteranopia

54, 39.854, 280.760



Tritanopia
53, 58.630, 25.505

Trichromacy



Original Color
53, 99.303, 331.908



Protanomaly
45, 92.506, 304.418



Deuteranomaly
47, 71.050, 312.414



Tritanomaly
51, 68.958, 356.562

Monochromacy



Original Color
53, 99.303, 331.908



Achromatopsia
39, 0.006, 296.813



Achromatomaly
39, 51.854, 330.022

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 99.224, 331.908 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(228, 1, 209)` looks like.

```
.text, #text, p{  
    color:rgb(228, 1, 209)  
}
```

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(228, 1, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 1, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 99.224, 331.908 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(228, 1, 209) }
```

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

```
.border{ border-color:rgb(228, 1, 209) }
```

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

Here you see how a box with a 4 pixel rgb(228, 1, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 1, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 1, 209);  
box-shadow:4px 4px 4px 4px rgb(228, 1,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 99.224, 331.908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 1, 209) }
```

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

```
.background{ background-color: rgb(228, 1,  
209) }
```

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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