

Converting Colors

CIELCh(53, 103.622, 326.755)

Have a look what the booklet for
CIELCh(53, 103.622, 326.755)
contains.

CIELCh(53, 103.543, 326.725)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

CIELCh(53, 103.543, 326.725)

Conversions

Conversions Part 1

Format	Color
Hex	DA17E2
RGB	218, 23, 226
RGB Percent	85%, 9%, 89%
CMY	0.1441, 0.9113, 0.1128
CMYK	0.04, 0.90, 0.00, 0.11
HSL	298°, 82%, 49%
HSV	298°, 90%, 89%
XYZ	43.0483, 21.0462, 73.9168
YIQ	104.4470, 51.0570, 104.4730

Conversions

Conversions Part 2

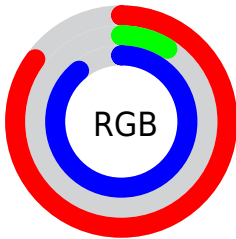
Format	Color
R _{YB}	218, 23, 226
Decimal	14292962
CIE Lab	53.00, 86.57, -56.81
CIE LCh	53, 103.543, 326.725
Yxy	21.0462, 0.3119, 0.1525
Android (android.graphics.Color)	4292483042 (0xFFDA17E2)
YUV	104.4470, 59.9256, 99.5860
Hunter-Lab	45.8761, 87.2141, -63.4163

Details

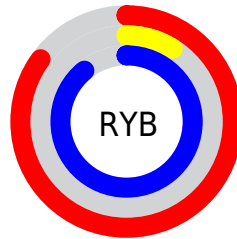
The CIELCh color **53, 103.543, 326.725** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **79, 106.477, 136.142**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 90.426, 327.467**, and **38, 85.641, 325.493** is the 20% darker color. If you saturate the color by 10%, you get **52, 105.780, 326.671**, and if you desaturate by 10%, it is **55, 98.920, 326.676**.

Distribution



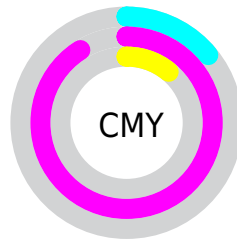
- Red (85%)
- Green (9%)
- Blue (89%)



- Red (85%)
- Yellow (9%)
- Blue (89%)



- Cyan (4%)
- Magenta (90%)
- Yellow (0%)
- Black (11%)





- Cyan (14%)
- Magenta (91%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 103.543, 326.725 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, 103.543, 326.725 by changing the saturation by 10% instead.


 53, 103.543,
326.725


 53, 103.543,
326.725


 100, 103.543,
326.725


 43, 103.543,
326.725


 73, 103.543,
326.725


 33, 103.543,
326.725


 83, 103.543,
326.725

 23, 103.543,
326.725

 93, 103.543,
326.725

 13, 103.543,
326.725

 3, 103.543,
326.725

 0, 103.543,
326.725

■ 53, 103.543,
326.725

■ 53, 103.543,
326.725

■ 52, 105.780,
326.671

■ 55, 98.920,
326.676

■ 52, 105.780,
326.671

■ 57, 91.569,
326.508

■ 60, 81.771,
326.232

■ 64, 70.036,
325.865

■ 69, 56.942,
325.428

■ 73, 43.017,
324.944

■ 79, 28.691,
324.429

■ 84, 14.281,

323.896

■ 90, 0.007, 280.694

Harmonies

Complementary

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



53, 103.543, 326.725



79, 106.477, 136.142

Rectangle

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



53, 103.543, 326.725



53, 103.543, 16.725



53, 103.543, 146.725



53, 103.543, 196.725

Sweetspot

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



53, 103.541, 326.725



84, 42.697, 324.801



31, 113.353, 304.603



42, 28.742, 324.975



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, 103.541, 326.725



59, 115.796, 326.661



50, 77.286, 354.413



44, 8.055, 323.866



41, 87.658, 326.697



7, 35.904, 326.916

Inverse Universe

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



48, 87.801, 35.688



53, 103.076, 38.939



80, 80.816, 148.669



44, 4.729, 16.759



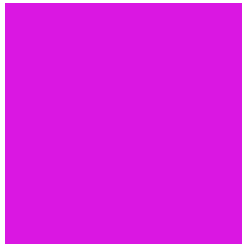
36, 77.423, 38.342



6, 25.450, 19.292

Previews

White Background



This preview shows how the CIE LCh color 53, 103.543, 326.725 looks on a white background.

Color Contrast Check

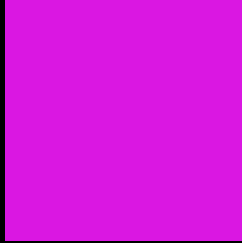
Large Text (above 18pt) WCAG AA ✓ Pass

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, 103.543, 326.725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

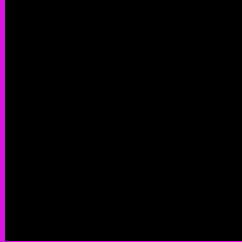
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 103.543, 326.725

Background



This preview shows how black text looks on a background with the CIELCh color 53, 103.543, 326.725.



This preview shows how white text looks on a background with the CIELCh color 53, 103.543, 326.725.

326.725.

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, 103.400, 326.718

Protanopia

54, 76.111, 287.644

Deuteranopia

54, 50.064, 279.514



Tritanopia
53, 49.479, 22.044

Trichromacy



Original Color
53, 103.400, 326.718



Protanomaly
47, 91.684, 302.210



Deuteranomaly
48, 75.089, 305.316



Tritanomaly
51, 63.742, 349.277

Monochromacy



Original Color
53, 103.400, 326.718



Achromatopsia
44, 0.006, 296.813



Achromatomaly
43, 49.840, 326.171

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 103.543, 326.725 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, 23, 226)` looks like.

```
.text, #text, p{  
    color:rgb(218, 23, 226)  
}
```

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, 23, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 23, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 103.543, 326.725 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, 23, 226) }
```

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

```
.border{ border-color:rgb(218, 23, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 23, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 23, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 23, 226);  
box-shadow:4px 4px 4px 4px rgb(218, 23,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 103.543, 326.725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 23, 226) }
```

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

```
.background{ background-color: rgb(218, 23,  
226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor