

Converting Colors

CIELCh(53, 107.894, 324.619)

Have a look what the booklet for
CIELCh(53, 107.894, 324.619)
contains.

CIELCh(53, 107.775, 324.604)	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, 107.775, 324.604)

Conversions

Conversions Part 1

Format	Color
Hex	D714EC
RGB	215, 20, 236
RGB Percent	84%, 8%, 93%
CMY	0.1563, 0.9200, 0.0740
CMYK	0.09, 0.91, 0.00, 0.07
HSL	294°, 85%, 50%
HSV	294°, 91%, 93%
XYZ	43.4830, 21.0462, 81.2307
YIQ	102.9290, 46.8840, 108.5160

Conversions

Conversions Part 2

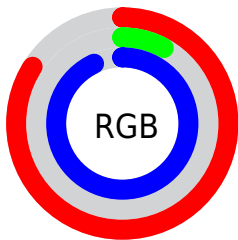
Format	Color
R _Y B	215, 20, 236
Decimal	14095596
CIE Lab	53.00, 87.85, -62.43
CIE LCh	53, 107.775, 324.604
Yxy	21.0462, 0.2983, 0.1444
Android (android.graphics.Color)	4292285676 (0xFFD714EC)
YUV	102.9290, 65.6040, 98.2863
Hunter-Lab	45.8761, 88.9052, -72.8688

Details

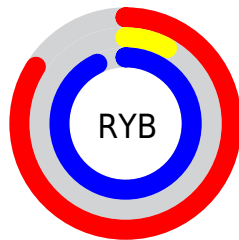
The CIELCh color **53, 107.775, 324.604** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **82, 109.920, 135.646**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 90.885, 327.481**, and **38, 89.524, 323.093** is the 20% darker color. If you saturate the color by 10%, you get **52, 109.759, 324.401**, and if you desaturate by 10%, it is **55, 103.158, 324.709**.

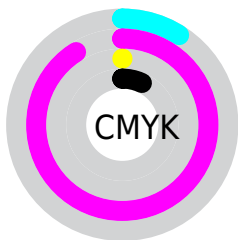
Distribution



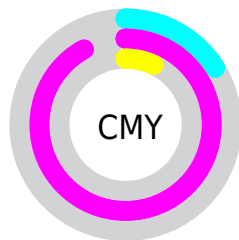
- Red (84%)
- Green (8%)
- Blue (93%)



- Red (84%)
- Yellow (8%)
- Blue (93%)



- Cyan (9%)
- Magenta (91%)
- Yellow (0%)
- Black (7%)





- Cyan (16%)
- Magenta (92%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 107.775, 324.604 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, 107.775, 324.604 by changing the saturation by 10% instead.


 53, 107.775,
324.604


 53, 107.775,
324.604


 100, 107.775,
324.604


 43, 107.775,
324.604


 73, 107.775,
324.604


 33, 107.775,
324.604


 83, 107.775,
324.604

 23, 107.775,
324.604

 93, 107.775,
324.604

 13, 107.775,
324.604

 3, 107.775,
324.604

 0, 107.775,
324.604

■ 53, 107.775,
324.604

■ 53, 107.775,
324.604

■ 52, 109.759,
324.401

■ 55, 103.158,
324.709

■ 57, 95.663,
324.654

■ 61, 85.606,
324.458

■ 65, 73.553,
324.150

■ 70, 60.123,
323.758

■ 75, 45.872,
323.310

■ 81, 31.236,
322.829

■ 87, 16.534,

322.331

■ 93, 1.978, 321.723

Harmonies

Complementary

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



53, 107.775, 324.604



82, 109.920, 135.646

Rectangle

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



53, 107.775, 324.604



53, 107.775, 14.604



53, 107.775, 144.604



53, 107.775, 194.604

Sweetspot

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



53, 107.773, 324.604



83, 42.048, 323.109



34, 114.104, 303.769



42, 28.323, 323.272



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, 107.773, 324.604



56, 116.336, 324.385



52, 81.794, 350.865



46, 8.210, 322.234



40, 89.941, 324.463



8, 38.465, 325.003

Inverse Universe

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



50, 88.698, 33.061



53, 100.349, 36.835



83, 88.349, 146.154



46, 4.936, 12.089



38, 76.747, 35.916



7, 28.162, 18.738

Previews

White Background



This preview shows how the CIELCh color 53, 107.775, 324.604 looks on a white background.

Color Contrast Check

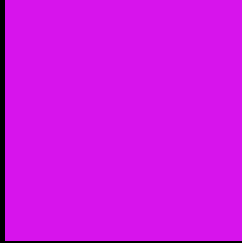
Large Text (above 18pt) WCAG AA ✓ Pass

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, 107.775, 324.604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

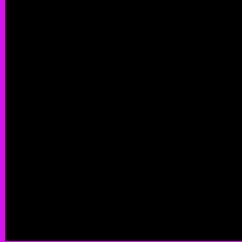
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 107.775, 324.604

Background



This preview shows how black text looks on a background with the CIELCh color 53, 107.775, 324.604.



This preview shows how white text looks on a background with the CIELCh color 53, 107.775, 324.604.

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, 107.775, 324.604

Protanopia

54, 76.122, 287.596

Deuteranopia

54, 54.931, 278.542



Tritanopia
53, 45.566, 21.577

Trichromacy



Original Color
53, 107.775, 324.604



Protanomaly
47, 93.877, 302.330



Deuteranomaly
47, 80.091, 302.652



Tritanomaly
51, 63.914, 345.531

Monochromacy



Original Color
53, 107.775, 324.604



Achromatopsia
44, 0.006, 296.813



Achromatomaly
43, 51.596, 324.334

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 107.775, 324.604 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(215, 20, 236)` looks like.

```
.text, #text, p{  
    color:rgb(215, 20, 236)  
}
```

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(215, 20, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 20, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 107.775, 324.604 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(215, 20, 236) }
```

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

```
.border{ border-color:rgb(215, 20, 236) }
```

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

Here you see how a box with a 4 pixel rgb(215, 20, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 20, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 20, 236);  
box-shadow:4px 4px 4px 4px rgb(215, 20,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 107.775, 324.604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 20, 236) }
```

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

```
.background{ background-color: rgb(215, 20,  
236) }
```

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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