

Converting Colors

CIELCh(53, 107.273, 322.606)

Have a look what the booklet for
CIELCh(53, 107.273, 322.606)
contains.

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Color

CIELCh(53, 107.244, 322.518)

Conversions

Conversions Part 1

Format	Color
Hex	D024F1
RGB	208, 36, 241
RGB Percent	82%, 14%, 95%
CMY	0.1840, 0.8583, 0.0546
CMYK	0.14, 0.85, 0.00, 0.05
HSL	290°, 88%, 54%
HSV	290°, 85%, 95%
XYZ	42.5578, 21.0462, 85.0970
YIQ	110.7980, 36.7070, 100.2190

Conversions

Conversions Part 2

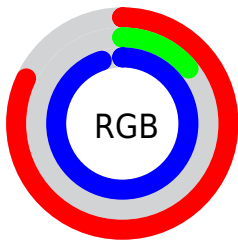
Format	Color
R _{YB}	208, 36, 241
Decimal	13640945
CIE _{Lab}	53.00, 85.10, -65.26
CIE _{LCh}	53, 107.244, 322.518
Y _{xy}	21.0462, 0.2862, 0.1415
Android (android.graphics.Color)	4291831025 (0xFFD024F1)
YUV	110.7980, 64.1896, 85.2462
Hunter-Lab	45.8761, 85.3057, -77.8656

Details

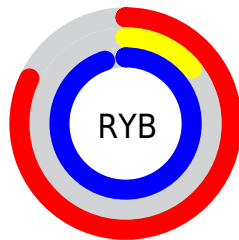
The CIELCh color **53, 107.244, 322.518** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **84, 107.364, 134.937**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 88.081, 327.393**, and **37, 92.108, 320.860** is the 20% darker color. If you saturate the color by 10%, you get **51, 111.168, 322.210**, and if you desaturate by 10%, it is **56, 100.305, 322.617**.

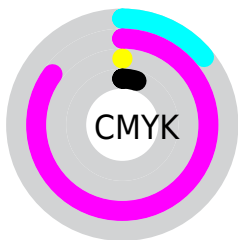
Distribution



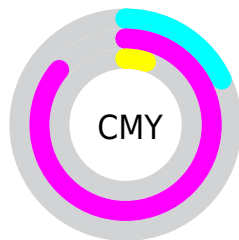
- Red (82%)
- Green (14%)
- Blue (95%)



- Red (82%)
- Yellow (14%)
- Blue (95%)



- Cyan (14%)
- Magenta (85%)
- Yellow (0%)
- Black (5%)





- Cyan (18%)
- Magenta (86%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 107.244, 322.518 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, 107.244, 322.518 by changing the saturation by 10% instead.


 53, 107.244,
322.518


 53, 107.244,
322.518


 100, 107.244,
322.518


 43, 107.244,
322.518


 73, 107.244,
322.518


 33, 107.244,
322.518


 83, 107.244,
322.518

 23, 107.244,
322.518

 93, 107.244,
322.518

 13, 107.244,
322.518

 3, 107.244,
322.518

 0, 107.244,
322.518

■ 53, 107.244,
322.518

■ 53, 107.244,
322.518

■ 51, 111.168,
322.210

■ 56, 100.305,
322.617

■ 51, 112.304,
321.999

■ 59, 90.629,
322.532

■ 64, 78.798,
322.302

■ 69, 65.474,
321.965

■ 74, 51.254,
321.559

■ 80, 36.604,
321.112

■ 86, 21.858,
320.645

■ 92, 7.240, 320.159

Harmonies

Complementary

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



53, 107.244, 322.518



84, 107.364, 134.937

Rectangle

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



53, 107.244, 322.518



53, 107.244, 12.518



53, 107.244, 142.518



53, 107.244, 192.518

Sweetspot

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



53, 107.242, 322.518



83, 39.836, 321.161



40, 101.176, 300.152



42, 27.018, 321.318



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, 107.242, 322.518



54, 117.190, 321.981



55, 84.847, 344.626



47, 8.201, 320.381



38, 91.526, 322.099



8, 39.846, 322.916

Inverse Universe

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



52, 82.037, 25.610



53, 96.421, 33.306



84, 90.698, 144.882



47, 5.096, 7.069



38, 74.494, 32.201



8, 29.122, 17.227

Previews

White Background



This preview shows how the CIELCh color 53, 107.244, 322.518 looks on a white background.

Color Contrast Check

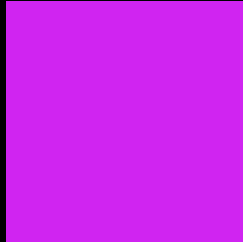
Large Text (above 18pt) WCAG AA ✓ Pass

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, 107.244, 322.518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

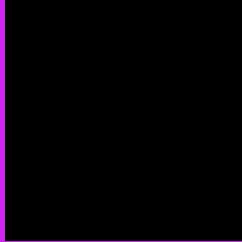
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 107.244, 322.518

Background



This preview shows how black text looks on a background with the CIELCh color 53, 107.244, 322.518.

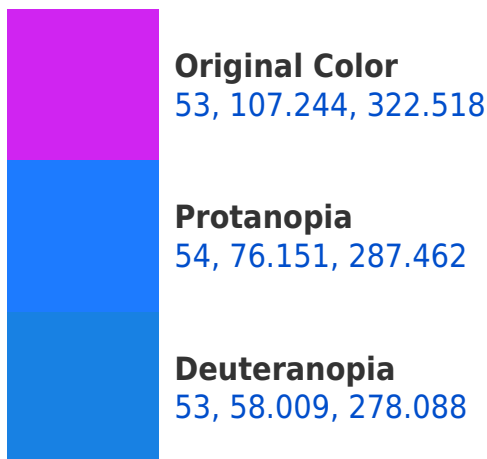


This preview shows how white text looks on a background with the CIELCh color 53, 107.244, 322.518.

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





Tritanopia
53, 39.232, 19.005

Trichromacy



Original Color
53, 107.244, 322.518



Protanomaly
48, 92.077, 300.881



Deuteranomaly
47, 80.026, 298.911



Tritanomaly
51, 59.637, 341.746

Monochromacy



Original Color
53, 107.244, 322.518



Achromatopsia
47, 0.006, 296.813



Achromatomaly
46, 48.276, 321.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 107.244, 322.518 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(208, 36, 241)` looks like.

```
.text, #text, p{  
    color:rgb(208, 36, 241)  
}
```

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(208, 36, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 36, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 107.244, 322.518 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(208, 36, 241) }
```

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

```
.border{ border-color:rgb(208, 36, 241) }
```

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

Here you see how a box with a 4 pixel rgb(208, 36, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 36, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 36, 241);  
box-shadow:4px 4px 4px 4px rgb(208, 36,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 107.244, 322.518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 36, 241) }
```

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

```
.background{ background-color: rgb(208, 36,  
241) }
```

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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