

Converting Colors

CIELCh(44, 101.161, 298.177)

Have a look what the booklet for
CIELCh(44, 101.161, 298.177)
contains.

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Color

CIELCh(44, 100.286, 298.025)

Conversions

Conversions Part 1

Format	Color
Hex	1C54FF
RGB	28, 84, 255
RGB Percent	11%, 33%, 100%
CMY	0.8916, 0.6700, 0.0000
CMYK	0.89, 0.67, 0.00, 0.00
HSL	225°, 100%, 55%
HSV	225°, 89%, 100%
XYZ	21.7314, 13.8382, 96.2951
YIQ	86.7500, -88.2670, 41.3090

Conversions

Conversions Part 2

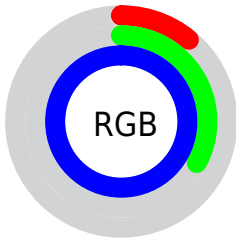
Format	Color
R _Y B	28, 73, 255
Decimal	1856767
CIE _{Lab}	44.00, 47.12, -88.53
CIE _{LCh}	44, 100.286, 298.025
Y _{xy}	13.8382, 0.1648, 0.1049
Android (android.graphics.Color)	4280046847 (0xFF1C54FF)
YUV	86.7500, 82.9472, -51.5237
Hunter-Lab	37.1997, 39.1770, -127.4380

Details

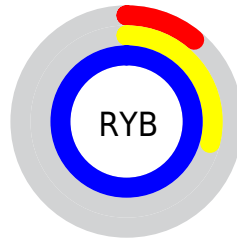
The CIELCh color **44, 100.286, 298.025** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **83, 81.215, 85.196**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **60, 67.998, 294.431**, and **28, 96.422, 302.455** is the 20% darker color. If you saturate the color by 10%, you get **40, 111.678, 301.027**, and if you desaturate by 10%, it is **49, 87.974, 294.758**.

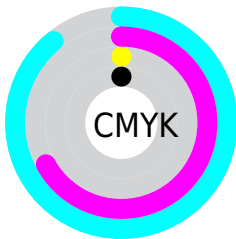
Distribution



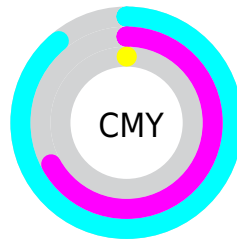
- Red (11%)
- Green (33%)
- Blue (100%)



- Red (11%)
- Yellow (29%)
- Blue (100%)



- Cyan (89%)
- Magenta (67%)
- Yellow (0%)
- Black (0%)





- Cyan (89%)
- Magenta (67%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 100.286, 298.025 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 44, 100.286, 298.025 by changing the saturation by 10% instead.

 44, 100.286,
298.025


 44, 100.286,
298.025


 100, 100.286,
298.025


 34, 100.286,
298.025


 64, 100.286,
298.025


 24, 100.286,
298.025


 74, 100.286,
298.025

 14, 100.286,
298.025


 84, 100.286,
298.025

 4, 100.286,
298.025

 94, 100.286,
298.025

 0, 100.286,
298.025

 44, 100.286,

 44, 100.286,

298.025

■ 40, 111.678,
301.027

■ 39, 112.588,
301.251

298.025

■ 49, 87.974,
294.758

■ 55, 75.725,
291.551

■ 61, 63.762,
288.574

■ 68, 52.179,
285.920

■ 74, 40.968,
283.610

■ 81, 30.092,
281.627

■ 87, 19.517,
279.935

■ 94, 9.218, 278.498

100, 0.012,
296.813

Harmonies

Complementary

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



44, 100.286, 298.025



83, 81.215, 85.196

Rectangle

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



44, 100.286, 298.025



44, 100.286, 348.025



44, 100.286, 118.025



44, 100.286, 168.025

Sweetspot

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



44, 100.187, 298.013



82, 27.786, 281.239



90, 63.591, 167.859



41, 18.808, 281.860



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44, 100.187, 298.013



39, 112.588, 301.251



38, 124.631, 307.632



50, 5.725, 278.544



29, 89.214, 300.739



7, 35.717, 295.945

Inverse Universe

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



55, 85.067, 20.830



54, 90.964, 26.822



93, 97.654, 116.675



50, 5.533, 0.478



40, 72.688, 25.746



10, 31.708, 16.078

Previews

White Background



This preview shows how the CIE LCh color 44, 100.286, 298.025 looks on a white background.

Color Contrast Check

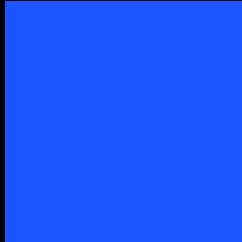
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 44, 100.286, 298.025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

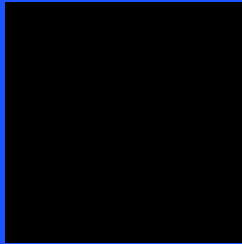
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 100.286, 298.025

Background



This preview shows how black text looks on a background with the CIELCh color 44, 100.286, 298.025.



This preview shows how white text looks on a background with the CIELCh color 44, 100.286, 298.025.

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


44, 100.275, 298.054

Protanopia

44, 66.048, 286.935

Deuteranopia

44, 45.812, 273.289



Tritanopia
43, 26.832, 205.723

Trichromacy



Original Color
44, 100.275, 298.054

Protanomaly
44, 78.536, 292.046

Deuteranomaly
43, 65.505, 287.234

Tritanomaly
42, 42.614, 271.778

Monochromacy



Original Color
44, 100.275, 298.054

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 38.287, 286.904

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 100.286, 298.025 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(28, 84, 255)` looks like.

```
.text, #text, p{  
    color:rgb(28, 84, 255)  
}
```

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(28, 84, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 84, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 100.286, 298.025 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(28, 84, 255) }
```

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

```
.border{ border-color:rgb(28, 84, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 84, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 84, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 84, 255);  
box-shadow:4px 4px 4px 4px rgb(28, 84,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 100.286, 298.025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 84, 255) }
```

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

```
.background{ background-color: rgb(28, 84,  
255) }
```

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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