

Converting Colors

CIELCh(47, 91.100, 294.705)

Have a look what the booklet for
CIELCh(47, 91.100, 294.705)
contains.

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Color

CIELCh(47, 91.087, 294.679)

Conversions

Conversions Part 1

Format	Color
Hex	1862FE
RGB	24, 98, 254
RGB Percent	9%, 38%, 100%
CMY	0.9059, 0.6167, 0.0051
CMYK	0.91, 0.61, 0.00, 0.01
HSL	221°, 99%, 54%
HSV	221°, 91%, 99%
XYZ	22.5612, 16.0195, 95.4143
YIQ	93.6580, -94.1800, 32.8280

Conversions

Conversions Part 2

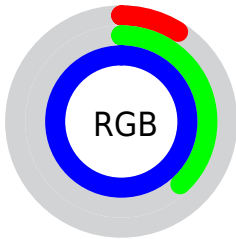
Format	Color
R_YB	24, 80, 254
Decimal	1598206
CIE Lab	47.00, 38.03, -82.77
CIE LCh	47, 91.087, 294.679
Yxy	16.0195, 0.1684, 0.1196
Android (android.graphics.Color)	4279788286 (0xFF1862FE)
YUV	93.6580, 79.0486, -61.0901
Hunter-Lab	40.0243, 30.5757, -113.3250

Details

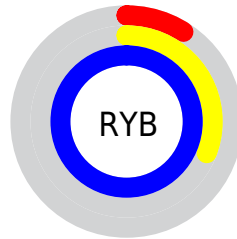
The CIELCh color **47, 91.087, 294.679** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed azure. A complement of this color would be **78, 79.648, 78.539**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 59.717, 289.012**, and **31, 88.421, 299.870** is the 20% darker color. If you saturate the color by 10%, you get **43, 101.352, 297.961**, and if you desaturate by 10%, it is **52, 80.092, 291.052**.

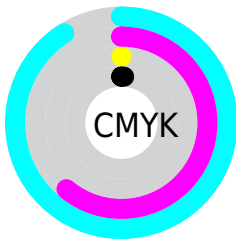
Distribution



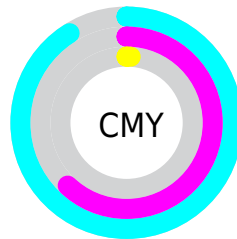
- Red (9%)
- Green (38%)
- Blue (100%)



- Red (9%)
- Yellow (31%)
- Blue (100%)



- Cyan (91%)
- Magenta (61%)
- Yellow (0%)
- Black (1%)





- Cyan (91%)
- Magenta (62%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 91.087, 294.679 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 47, 91.087, 294.679 by changing the saturation by 10% instead.


 47, 91.087,
294.679


 47, 91.087,
294.679


 100, 91.087,
294.679


 37, 91.087,
294.679

 67, 91.087,
294.679


 27, 91.087,
294.679

 77, 91.087,
294.679

 17, 91.087,
294.679

 87, 91.087,
294.679

 7, 91.087, 294.679

 97, 91.087,
294.679

 0, 91.087, 294.679

 47, 91.087,

 47, 91.087,

294.679

294.679

■ 43, 101.352,
297.961

■ 52, 80.092,
291.052

■ 57, 69.269,
287.544

■ 63, 58.741,
284.322

■ 69, 48.506,
281.465

■ 75, 38.524,
278.986

■ 81, 28.754,
276.861

■ 87, 19.170,
275.049

■ 93, 9.757, 273.512

Harmonies

Complementary

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



47, 91.087, 294.679



78, 79.648, 78.539

Rectangle

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



47, 91.087, 294.679



47, 91.087, 344.679



47, 91.087, 114.679



47, 91.087, 164.679

Sweetspot

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



47, 91.088, 294.680



83, 25.445, 276.187



89, 70.416, 160.953



42, 17.198, 276.838



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



47, 91.088, 294.680



43, 101.775, 297.970



36, 126.597, 306.698



50, 5.280, 273.368



32, 80.513, 297.355



8, 32.308, 292.327

Inverse Universe

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



55, 83.279, 15.201



54, 87.373, 20.417



94, 96.061, 112.441



50, 5.727, 355.365



40, 70.006, 19.332



10, 31.383, 11.229

Previews

White Background



This preview shows how the CIE LCh color 47, 91.087, 294.679 looks on a white background.

Color Contrast Check

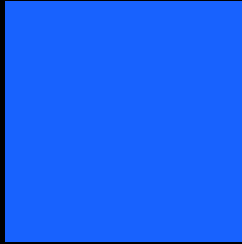
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 47, 91.087, 294.679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

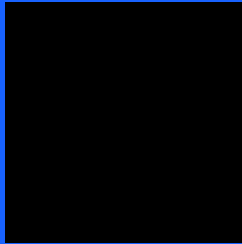
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

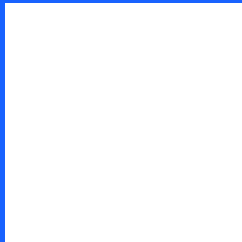
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 91.087, 294.679

Background



This preview shows how black text looks on a background with the CIELCh color 47, 91.087, 294.679.



This preview shows how white text looks on a background with the CIELCh color 47, 91.087, 294.679.

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


47, 91.095, 294.649

Protanopia

47, 70.494, 287.374

Deuteranopia

47, 49.332, 274.468



Tritanopia
47, 28.368, 205.094

Trichromacy



Original Color
47, 91.095, 294.649

Protanomaly
47, 77.772, 290.416

Deuteranomaly
46, 64.380, 285.049

Tritanomaly
46, 39.909, 264.905

Monochromacy



Original Color
47, 91.095, 294.649

Achromatopsia
39, 0.006, 296.813

Achromatomaly
41, 34.478, 281.850

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 91.087, 294.679 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(24, 98, 254)` looks like.

```
.text, #text, p{  
    color:rgb(24, 98, 254)  
}
```

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(24, 98, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 98, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 91.087, 294.679 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(24, 98, 254) }
```

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

```
.border{ border-color:rgb(24, 98, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 98, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 98, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 98, 254);  
box-shadow:4px 4px 4px 4px rgb(24, 98,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 91.087, 294.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 98, 254) }
```

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

```
.background{ background-color: rgb(24, 98,  
254) }
```

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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