

Converting Colors

CIELCh(47, 93.216, 295.258)

Have a look what the booklet for
CIELCh(47, 93.216, 295.258)
contains.

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Color

CIELCh(47, 92.247, 295.029)

Conversions

Conversions Part 1

Format	Color
Hex	1A61FF
RGB	26, 97, 255
RGB Percent	10%, 38%, 100%
CMY	0.8996, 0.6191, 0.0000
CMYK	0.90, 0.62, 0.00, 0.00
HSL	221°, 100%, 55%
HSV	221°, 90%, 100%
XYZ	22.7796, 16.0195, 96.6418
YIQ	93.7830, -93.0340, 34.0860

Conversions

Conversions Part 2

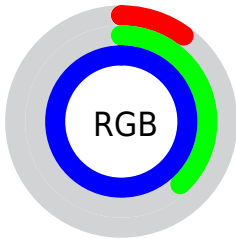
Format	Color
RYP	26, 80, 255
Decimal	1729023
CIELab	47.00, 39.03, -83.58
CIElCh	47, 92.247, 295.029
Yxy	16.0195, 0.1682, 0.1183
Android (android.graphics.Color)	4279919103 (0xFF1A61FF)
YUV	93.7830, 79.4800, -59.4457
Hunter-Lab	40.0243, 31.5496, -115.1433

Details

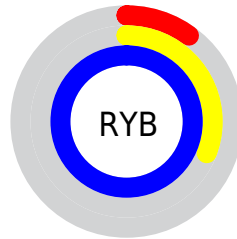
The CIELCh color **47, 92.247, 295.029** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed azure. A complement of this color would be **79, 79.896, 79.499**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 60.297, 289.413**, and **31, 89.562, 300.160** is the 20% darker color. If you saturate the color by 10%, you get **43, 103.170, 298.431**, and if you desaturate by 10%, it is **52, 80.950, 291.432**.

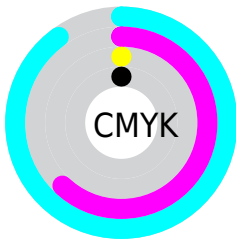
Distribution



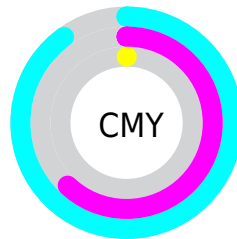
- Red (10%)
- Green (38%)
- Blue (100%)



- Red (10%)
- Yellow (31%)
- Blue (100%)



- Cyan (90%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)




- Cyan (90%)
- Magenta (62%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 92.247, 295.029 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, 92.247, 295.029 by changing the saturation by 10% instead.


 47, 92.247,
295.029


 47, 92.247,
295.029


 100, 92.247,
295.029


 37, 92.247,
295.029

 67, 92.247,
295.029


 27, 92.247,
295.029

 77, 92.247,
295.029

 17, 92.247,
295.029

 87, 92.247,
295.029

 7, 92.247, 295.029

 97, 92.247,
295.029

 0, 92.247, 295.029

 47, 92.247,

 47, 92.247,

295.029

■ 43, 103.170,
298.431

■ 43, 103.215,
298.444

295.029

■ 52, 80.950,
291.432

■ 57, 69.908,
287.971

■ 63, 59.168,
284.794

■ 69, 48.735,
281.977

■ 75, 38.569,
279.534

■ 81, 28.633,
277.440

■ 88, 18.897,
275.655

■ 94, 9.346, 274.140

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.



47, 92.247, 295.029



79, 79.896, 79.499

Rectangle

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



47, 92.247, 295.029



47, 92.247, 345.029



47, 92.247, 115.029



47, 92.247, 165.029

Sweetspot

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



47, 92.157, 295.014



83, 25.733, 276.882



89, 69.101, 162.303



42, 17.396, 277.529



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, 92.157, 295.014



43, 103.215, 298.444



36, 126.394, 306.845



50, 5.334, 274.078



32, 81.664, 297.841



8, 32.777, 292.886

Inverse Universe

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



55, 83.567, 15.742



54, 87.764, 21.276



94, 96.537, 113.305



50, 5.700, 355.999



40, 70.293, 20.188



10, 31.415, 11.910

Previews

White Background



This preview shows how the CIE LCh color 47, 92.247, 295.029 looks on a white background.

Color Contrast Check

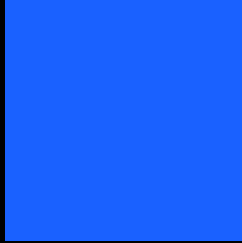
Large Text (above 18pt) WCAG AA ✓ Pass

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, 92.247, 295.029 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

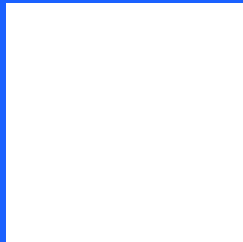
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 92.247, 295.029

Background



This preview shows how black text looks on a background with the CIELCh color 47, 92.247, 295.029.



This preview shows how white text looks on a background with the CIELCh color 47, 92.247, 295.029.

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, 92.238, 295.059

Protanopia

47, 70.494, 287.374

Deuteranopia

47, 49.332, 274.468



Tritanopia
47, 28.368, 205.094

Trichromacy



Original Color
47, 92.238, 295.059

Protanomaly
47, 78.317, 290.569

Deuteranomaly
46, 64.925, 285.282

Tritanomaly
46, 39.909, 264.905

Monochromacy



Original Color
47, 92.238, 295.059

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 35.585, 282.970

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 92.247, 295.029 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(26, 97, 255)` looks like.

```
.text, #text, p{  
    color:rgb(26, 97, 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(26, 97, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 97, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 92.247, 295.029 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(26, 97, 255) }
```

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

```
.border{ border-color:rgb(26, 97, 255) }
```

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

Here you see how a box with a 4 pixel rgb(26, 97, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 97, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 97, 255);  
box-shadow:4px 4px 4px 4px rgb(26, 97,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 92.247, 295.029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 97, 255) }
```

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

```
.background{ background-color: rgb(26, 97,  
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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