

Converting Colors

CIELCh(35, 127.652, 306.383)

Have a look what the booklet for
CIELCh(35, 127.652, 306.383)
contains.

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Color

CIELCh(35, 127.589, 306.353)

Conversions

Conversions Part 1

Format	Color
Hex	3417FE
RGB	52, 23, 254
RGB Percent	20%, 9%, 100%
CMY	0.7960, 0.9099, 0.0039
CMYK	0.80, 0.91, 0.00, 0.00
HSL	248°, 99%, 54%
HSV	248°, 91%, 100%
XYZ	19.6115, 8.4984, 94.3724
YIQ	58.0050, -56.8670, 77.9890

Conversions

Conversions Part 2

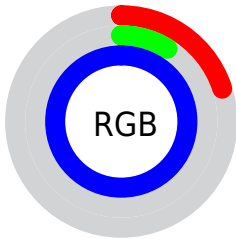
Format	Color
R_{YB}	52, 23, 254
Decimal	3414014
CIE Lab	35.00, 75.63, -102.76
CIE LCh	35, 127.589, 306.353
Yxy	8.4984, 0.1601, 0.0694
Android (android.graphics.Color)	4281604094 (0xFF3417FE)
YUV	58.0050, 96.6255, -5.2664
Hunter-Lab	29.1520, 69.0670, -171.5304

Details

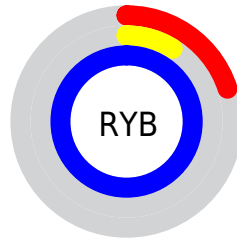
The CIELCh color **35, 127.589, 306.353** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **95, 95.639, 110.208**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 98.679, 307.430**, and **23, 109.353, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **33, 132.624, 306.656**, and if you desaturate by 10%, it is **39, 117.574, 305.465**.

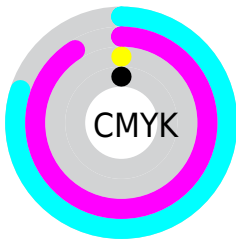
Distribution



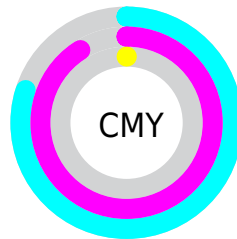
- Red (20%)
- Green (9%)
- Blue (100%)



- Red (20%)
- Yellow (9%)
- Blue (100%)



- Cyan (80%)
- Magenta (91%)
- Yellow (0%)
- Black (0%)





- Cyan (80%)
- Magenta (91%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 127.589, 306.353 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 35, 127.589, 306.353 by changing the saturation by 10% instead.


 35, 127.589,
306.353


 35, 127.589,
306.353


 100, 127.589,
306.353


 25, 127.589,
306.353


 55, 127.589,
306.353


 15, 127.589,
306.353


 65, 127.589,
306.353

 5, 127.589,
306.353

 75, 127.589,
306.353

 0, 127.589,
306.353

 85, 127.589,
306.353

 95, 127.589,
306.353

■ 35, 127.589,
306.353

■ 35, 127.589,
306.353

■ 33, 132.624,
306.656

■ 39, 117.574,
305.465

■ 45, 103.990,
304.093

■ 52, 88.740,
302.515

■ 59, 73.083,
300.935

■ 67, 57.651,
299.466

■ 75, 42.705,
298.156

■ 83, 28.324,
297.013

■ 91, 14.512,

296.028

99, 1.245, 295.199

Harmonies

Complementary

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



35, 127.589, 306.353



95, 95.639, 110.208

Rectangle

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



35, 127.589, 306.353



35, 127.589, 356.353



35, 127.589, 126.353



35, 127.589, 176.353

Sweetspot

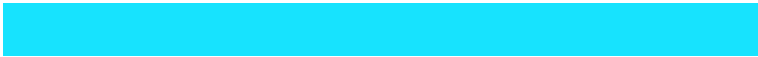
The Sweet Spot groups the original color and five complimentary colors.



35, 127.591, 306.354



78, 37.074, 297.685



83, 43.668, 216.143



39, 25.156, 298.091



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



35, 127.591, 306.354



33, 133.022, 306.655



47, 117.977, 315.305



49, 7.538, 295.898



24, 107.011, 306.732



4, 44.412, 304.188

Inverse Universe

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



59, 103.263, 333.521



59, 104.531, 334.090



89, 109.439, 130.781



50, 8.307, 328.602



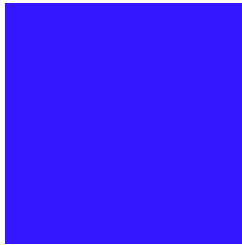
44, 84.337, 333.976



12, 39.259, 333.199

Previews

White Background



This preview shows how the CIE LCh color 35, 127.589, 306.353 looks on a white background.

Color Contrast Check

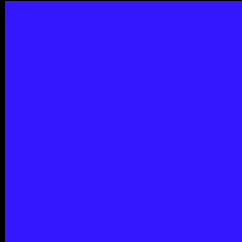
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIELCh color 35, 127.589, 306.353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

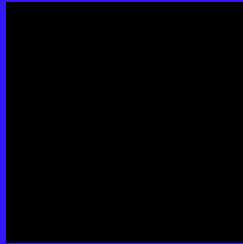
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 127.589, 306.353

Background



This preview shows how black text looks on a background with the CIELCh color 35, 127.589, 306.353.



This preview shows how white text looks on a background with the CIELCh color 35, 127.589, 306.353.

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

35, 127.589, 306.353

Protanopia

35, 53.917, 285.681

Deuteranopia

34, 37.051, 271.109



Tritanopia
35, 23.060, 202.832

Trichromacy



Original Color
35, 127.589, 306.353

Protanomaly
32, 85.028, 299.032

Deuteranomaly
32, 74.232, 296.696

Tritanomaly
30, 55.310, 290.642

Monochromacy



Original Color
35, 127.589, 306.353

Achromatopsia
24, 0.004, 296.813

Achromatomaly
25, 54.647, 302.793

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 127.589, 306.353 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(52, 23, 254)` looks like.

```
.text, #text, p{  
    color:rgb(52, 23, 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(52, 23, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 23, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 127.589, 306.353 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(52, 23, 254) }
```

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

```
.border{ border-color:rgb(52, 23, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 23, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 23, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 23, 254);  
box-shadow:4px 4px 4px 4px rgb(52, 23,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 127.589, 306.353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 23, 254) }
```

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

```
.background{ background-color: rgb(52, 23,  
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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