

Converting Colors

CIELCh(34, 128.665, 305.566)

Have a look what the booklet for
CIELCh(34, 128.665, 305.566)
contains.

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Color

CIELCh(34, 128.528, 305.563)

Conversions

Conversions Part 1

Format	Color
Hex	1718FE
RGB	23, 24, 254
RGB Percent	9%, 9%, 100%
CMY	0.9106, 0.9051, 0.0032
CMYK	0.91, 0.90, 0.00, 0.00
HSL	240°, 99%, 54%
HSV	240°, 91%, 100%
XYZ	18.5964, 8.0082, 94.4804
YIQ	49.9210, -74.4260, 71.3180

Conversions

Conversions Part 2

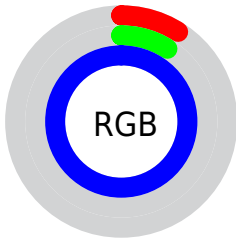
Format	Color
RYB	23, 24, 254
Decimal	1513726
CIELab	34.00, 74.75, -104.55
CIELCh	34, 128.528, 305.563
Yxy	8.0082, 0.1536, 0.0661
Android (android.graphics.Color)	4279703806 (0xFF1718FE)
YUV	49.9210, 100.6109, -23.6097
Hunter-Lab	28.2988, 67.7776, -178.1406

Details

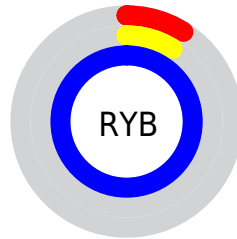
The CIELCh color **34, 128.528, 305.563** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **97, 94.381, 102.629**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 99.020, 305.988**, and **23, 109.353, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **32, 133.250, 306.238**, and if you desaturate by 10%, it is **38, 118.364, 304.091**.

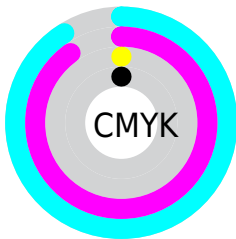
Distribution



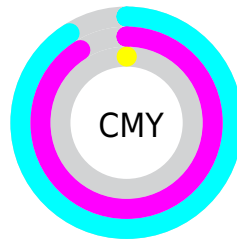
- Red (9%)
- Green (9%)
- Blue (100%)



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



- Cyan (91%)
- Magenta (90%)
- Yellow (0%)
- Black (0%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 128.528, 305.563 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 34, 128.528, 305.563 by changing the saturation by 10% instead.


 34, 128.528,
305.563


 34, 128.528,
305.563

 100, 128.528,
305.563


 24, 128.528,
305.563


 54, 128.528,
305.563


 14, 128.528,
305.563


 64, 128.528,
305.563

 4, 128.528,
305.563

 74, 128.528,
305.563

 0, 128.528,
305.563

 84, 128.528,
305.563

 94, 128.528,
305.563

■ 34, 128.528,
305.563

■ 34, 128.528,
305.563

■ 32, 133.250,
306.238

■ 38, 118.364,
304.091

■ 44, 104.369,
302.047

■ 51, 88.736,
299.790

■ 58, 72.856,
297.592

■ 66, 57.358,
295.599

■ 74, 42.450,
293.859

■ 83, 28.165,
292.371

■ 91, 14.475,

291.112

■ 99, 1.338, 290.098

Harmonies

Complementary

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



34, 128.528, 305.563



97, 94.381, 102.629

Rectangle

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



34, 128.528, 305.563



34, 128.528, 355.563



34, 128.528, 125.563



34, 128.528, 175.563

Sweetspot

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



34, 128.531, 305.564



78, 36.712, 293.231



91, 50.009, 194.046



38, 24.920, 293.761



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



34, 128.531, 305.564



32, 133.578, 306.238



43, 120.904, 311.878



49, 7.457, 290.938



23, 107.506, 306.217



3, 43.935, 301.661

Inverse Universe

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



54, 98.970, 37.777



53, 104.332, 39.832



90, 105.210, 126.752



49, 5.253, 19.454



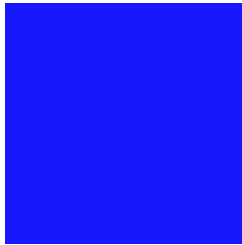
40, 83.949, 39.759



10, 33.317, 26.936

Previews

White Background



This preview shows how the CIE LCh color 34, 128.528, 305.563 looks on a white background.

Color Contrast Check

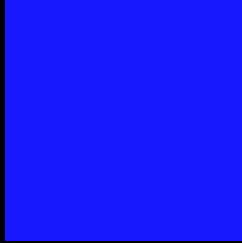
Large Text (above 18pt) WCAG AA ✓ Pass

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 34, 128.528, 305.563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

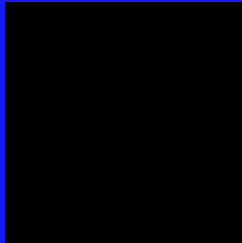
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 128.528, 305.563

Background



This preview shows how black text looks on a background with the CIELCh color 34, 128.528, 305.563.



This preview shows how white text looks on a background with the CIELCh color 34, 128.528, 305.563.

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


34, 128.502, 305.578

Protanopia

34, 52.900, 285.636

Deuteranopia

34, 35.997, 270.549



Tritanopia
33, 22.519, 203.026

Trichromacy



Original Color
34, 128.502, 305.578

Protanomaly
32, 84.690, 298.799

Deuteranomaly
31, 73.870, 296.352

Tritanomaly
30, 54.917, 289.930

Monochromacy



Original Color
34, 128.502, 305.578

Achromatopsia
21, 0.004, 296.813

Achromatomaly
22, 54.787, 300.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 128.528, 305.563 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(23, 24, 254)` looks like.

```
.text, #text, p{  
    color:rgb(23, 24, 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(23, 24, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 24, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 128.528, 305.563 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(23, 24, 254) }
```

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

```
.border{ border-color:rgb(23, 24, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 24, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 24, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 24, 254);  
box-shadow:4px 4px 4px 4px rgb(23, 24,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 128.528, 305.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 24, 254) }
```

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

```
.background{ background-color: rgb(23, 24,  
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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