

Converting Colors

CIELCh(30, 125.525, 306.293)

Have a look what the booklet for
CIELCh(30, 125.525, 306.293)
contains.

CIELCh(30, 125.433, 306.298)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

CIELCh(30, 125.433, 306.298)

Conversions

Conversions Part 1

Format	Color
Hex	0E03EC
RGB	14, 3, 236
RGB Percent	5%, 1%, 93%
CMY	0.9442, 0.9869, 0.0737
CMYK	0.94, 0.99, 0.00, 0.07
HSL	243°, 97%, 47%
HSV	243°, 99%, 93%
XYZ	15.3912, 6.2359, 79.9100
YIQ	32.8510, -68.2370, 74.7950

Conversions

Conversions Part 2

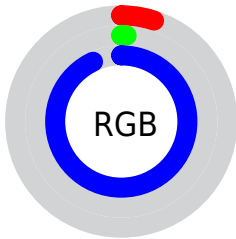
Format	Color
RYB	14, 3, 236
Decimal	918508
CIELab	30.00, 74.25, -101.09
CIElCh	30, 125.433, 306.298
Yxy	6.2359, 0.1516, 0.0614
Android (android.graphics.Color)	4279108588 (0xFF0E03EC)
YUV	32.8510, 100.1525, -16.5323
Hunter-Lab	24.9718, 66.3168, -172.2483

Details

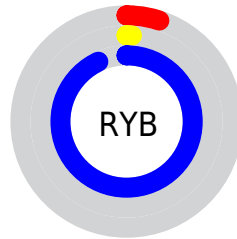
The CIELCh color **30, 125.433, 306.298** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **90, 91.361, 105.772**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **46, 105.578, 306.797**, and **21, 102.179, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **30, 126.074, 306.389**, and if you desaturate by 10%, it is **32, 119.460, 305.577**.

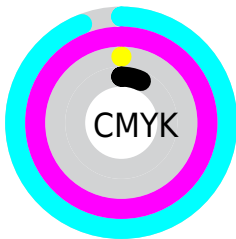
Distribution



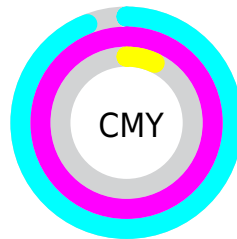
- Red (5%)
- Green (1%)
- Blue (93%)



- Red (5%)
- Yellow (1%)
- Blue (93%)



- Cyan (94%)
- Magenta (99%)
- Yellow (0%)
- Black (7%)





- Cyan (94%)
- Magenta (99%)
- Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 30, 125.433, 306.298 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 30, 125.433, 306.298 by changing the saturation by 10% instead.


 30, 125.433,
306.298

 30, 125.433,
306.298


 100, 125.433,
306.298


 20, 125.433,
306.298


 50, 125.433,
306.298


 10, 125.433,
306.298

 60, 125.433,
306.298

 0, 125.433,
306.298

 70, 125.433,
306.298

 80, 125.433,
306.298

 90, 125.433,
306.298

■ 30, 125.433,
306.298

■ 30, 125.433,
306.298

■ 30, 126.074,
306.389

■ 32, 119.460,
305.577

■ 37, 108.805,
304.180

■ 42, 95.150,
302.336

■ 49, 80.329,
300.355

■ 56, 65.418,
298.451

■ 64, 50.893,
296.731

■ 72, 36.913,
295.228

■ 79, 23.505,

293.937

■ 87, 10.647,
292.838

Harmonies

Complementary

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



30, 125.433, 306.298



90, 91.361, 105.772

Rectangle

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



30, 125.433, 306.298



30, 125.433, 356.298



30, 125.433, 126.298



30, 125.433, 176.298

Sweetspot

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



30, 125.436, 306.299



76, 41.346, 295.444



83, 45.098, 201.799



37, 28.463, 296.068



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



30, 125.436, 306.299



32, 133.612, 306.380



39, 116.528, 312.600



45, 7.013, 292.927



22, 103.235, 306.429



3, 35.831, 298.859

Inverse Universe

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



55, 104.882, 330.184



60, 111.323, 330.226



84, 103.829, 129.202



46, 8.193, 326.228



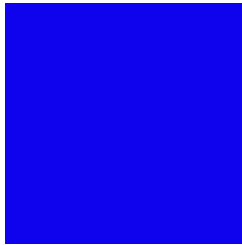
43, 86.149, 330.182



9, 37.089, 329.884

Previews

White Background



This preview shows how the CIE LCh color 30, 125.433, 306.298 looks on a white background.

Color Contrast Check

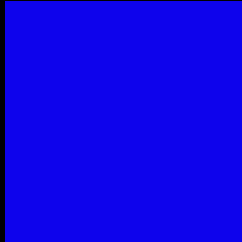
Large Text (above 18pt) WCAG AA ✓ Pass

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 30, 125.433, 306.298 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 30, 125.433, 306.298

Background



This preview shows how black text looks on a background with the CIELCh color 30, 125.433, 306.298.



This preview shows how white text looks on a background with the CIELCh color 30, 125.433, 306.298.

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

30, 125.411, 306.309

Protanopia

30, 48.785, 285.433

Deuteranopia

30, 33.311, 270.184



Tritanopia
30, 21.173, 201.767

Trichromacy



Original Color
30, 125.411, 306.309

Protanomaly
27, 83.638, 300.543

Deuteranomaly
26, 74.041, 298.584

Tritanomaly
25, 56.760, 293.533

Monochromacy



Original Color
30, 125.411, 306.309

Achromatopsia
13, 0.003, 296.813

Achromatomaly
15, 57.789, 303.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 125.433, 306.298 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(14, 3, 236)` looks like.

```
.text, #text, p{  
    color:rgb(14, 3, 236)  
}
```

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(14, 3, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 3, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 125.433, 306.298 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(14, 3, 236) }
```

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

```
.border{ border-color:rgb(14, 3, 236) }
```

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

Here you see how a box with a 4 pixel rgb(14, 3, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 3, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 3, 236);  
box-shadow:4px 4px 4px 4px rgb(14, 3, 236)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 125.433, 306.298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 3, 236) }
```

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

```
.background{ background-color: rgb(14, 3,  
236) }
```

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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