Converting Colors

CIELCh(95, 34.163, 145.345)

Have a look what the booklet for CIELCh(95, 34.163, 145.345) contains.

Color

CIELCh(95, 34.267, 145.305)

Conversions

Conversions Part 1

Format	Color
Hex	C5FFCA
RGB	197, 255, 202
RGB Percent	77%, 100%, 79%
CMY	0.2276, 0.0002, 0.2080
CMYK	0.23, 0.00, 0.21, 0.00
HSL	125°, 100%, 89%
HSV	125°, 23%, 100%
XYZ	69.4160, 87.6183, 69.1039
YIQ	231.6160, -17.5550, -28.7790

Conversions

Conversions Part 2

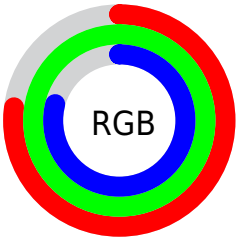
Format	Color
RYB	197, 250, 255
Decimal	12976074
CIELab	95.00, -28.17, 19.51
CIELCh	95, 34.267, 145.305
Yxy	87.6183, 0.3070, 0.3875
Android (android.graphics.Color)	4291166154 (0xFFC5FFCA)
YUV	231.6160, -14.6007, -30.3582
Hunter-Lab	93.6047, -31.4349, 21.7522

Details

The CIELCh color 95, 34.267, 145.305 is a light color, and the websafe version is hex CCFFCC. A complement of this color would be 86, 34.314, 328.173, and the grayscale version is 92, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.347, 201.292, and 75, 34.181, 145.481 is the 20% darker color. If you saturate the color by 10%, you get 93, 49.237, 144.416, and if you desaturate by 10%, it is 97, 19.146, 146.071.

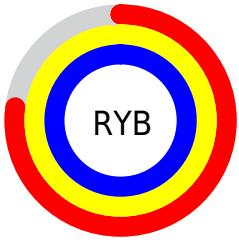
Distribution



Red (77%)

Green (100%)

Blue (79%)



Red (77%)

Yellow (98%)

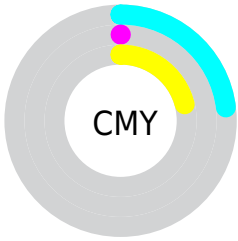
Blue (100%)

Cyan (23%)

Magenta (0%)

Yellow (21%)

Black (0%)



Cyan (23%)

Magenta (0%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 34.267, 145.305 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 95, 34.267, 145.305 by changing the saturation by 10% instead.

95, 34.267, 145.305

100, 34.267, 145.305

95, 34.267, 145.305

85, 34.267, 145.305

75, 34.267, 145.305

65, 34.267, 145.305

55, 34.267, 145.305

45, 34.267, 145.305

35, 34.267, 145.305

25, 34.267,

145.305

15, 34.267, 145.305

5, 34.267, 145.305

95, 34.267, 145.305

95, 34.267, 145.305

93, 49.237, 144.416

97, 19.146, 146.071

92, 63.760, 143.389

99, 4.094, 146.780

100, 0.035, 315.547

90, 77.479, 142.224

89, 89.975, 140.941

89, 100.782, 139.598

88, 109.417, 138.294

88, 115.459, 137.168

88, 118.154, 136.573

Harmonies

Complementary

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

95, 34.267, 145.305

86, 34.314, 328.173

Rectangle

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

95, 34.267, 145.305

95, 34.267, 195.305

95, 34.267, 325.305

95, 34.267, 15.305

Sweetspot

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

95, 34.269, 145.305

98, 10.472, 146.469

98, 29.304, 111.525

52, 6.808, 146.428

0, 0.000, 0.000

53, 0.007, 296.813

Same Dimension

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

95, 34.269, 145.305

94, 40.670, 144.943

96, 23.616, 166.258

52, 8.522, 146.298

68, 94.816, 136.730

22, 41.938, 138.446

Inverse Universe

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

86, 34.314, 328.173

84, 40.711, 328.424

85, 24.630, 350.620

50, 8.538, 327.384

45, 86.980, 332.002

12, 40.343, 331.510

Previews

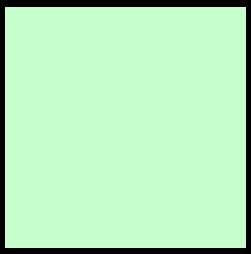
White Background

This preview shows how the CIELCh color 95, 34.267, 145.305 looks on a white 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

Black Background



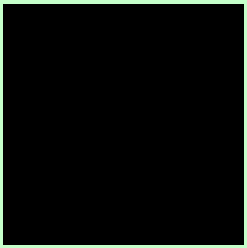
This preview shows how the CIELCh color 95, 34.267, 145.305 looks on a black background.

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

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 95, 34.267, 145.305 Background



This preview shows how black text looks on a background with the CIELCh color 95, 34.267, 145.305.

This preview shows how white text looks on a background with the CIELCh color 95, 34.267, 145.305.

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
95, 34.267, 145.305

Protanopia
95, 23.697, 94.345

Deuteranopia
95, 8.312, 53.331

Tritanopia
95, 8.967, 238.274

Trichromacy

Original Color
95, 34.267, 145.305

Protanomaly
95, 24.873, 118.673

Deuteranomaly
95, 13.225, 123.504

Tritanomaly
95, 13.394, 171.155

Monochromacy

Original Color
95, 34.267, 145.305

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 12.401, 146.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 34.267, 145.305 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(197, 255, 202) looks like.

```
.text, #text, p{
    color:rgb(197, 255, 202)
}
```

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(197, 255, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 255, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 34.267, 145.305 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(197, 255, 202) }
```

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

```
.border{ border-color:rgb(197, 255, 202) }
```

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

Here you see how a box with a 4 pixel rgb(197, 255, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 255, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 255, 202); box-shadow:4px 4px 4px 4px rgb(197, 255, 202) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 34.267, 145.305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(197, 255, 202) }
```

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

```
.background{ background-color:rgb(197,
255, 202) }
```

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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