

Converting Colors

CIELCh(100, 41.476, 152.895)

Have a look what the booklet for
CIELCh(100, 41.476, 152.895)
contains.

CIELCh(95, 30.296, 157.534)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(95, 30.296, 157.534)

Conversions

Conversions Part 1

Format	Color
Hex	BDFFD9
RGB	189, 255, 217
RGB Percent	74%, 100%, 85%
CMY	0.2576, 0.0000, 0.1478
CMYK	0.26, 0.00, 0.15, 0.00
HSL	146°, 100%, 87%
HSV	146°, 26%, 100%
XYZ	69.4981, 87.6183, 79.1142
YIQ	230.9340, -27.1380, -25.8100

Conversions

Conversions Part 2

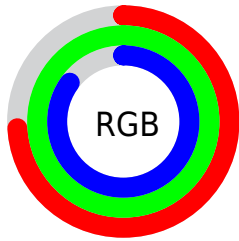
Format	Color
RYB	189, 235, 255
Decimal	12451801
CIELab	95.00, -28.00, 11.58
CIELCh	95, 30.296, 157.534
Yxy	87.6183, 0.2942, 0.3709
Android (android.graphics.Color)	4290641881 (0xFFBDDFFD9)
YUV	230.9340, -6.8695, -36.7761
Hunter-Lab	93.6047, -31.2784, 15.4116

Details

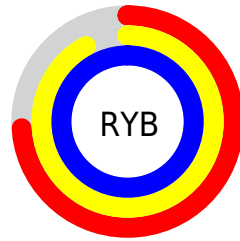
The CIELCh color **95, 30.296, 157.534** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **84, 30.767, 342.050**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 3.114, 199.421**, and **75, 30.385, 157.520** is the 20% darker color. If you saturate the color by 10%, you get **93, 41.507, 156.553**, and if you desaturate by 10%, it is **97, 18.449, 158.613**.

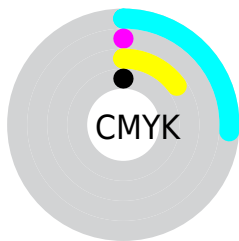
Distribution



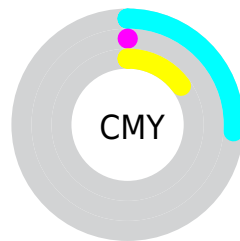
- Red (74%)
- Green (100%)
- Blue (85%)



- Red (74%)
- Yellow (92%)
- Blue (100%)



- Cyan (26%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (26%)
- Magenta (0%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 30.296, 157.534 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, 30.296, 157.534 by changing the saturation by 10% instead.


 95, 30.296,
157.534


 95, 30.296,
157.534


 100, 30.296,
157.534


 85, 30.296,
157.534

 75, 30.296,
157.534

 65, 30.296,
157.534

 55, 30.296,
157.534

 45, 30.296,
157.534

 35, 30.296,
157.534

 25, 30.296,

157.534

■ 15, 30.296,
157.534

■ 5, 30.296, 157.534

■ 95, 30.296,
157.534

■ 95, 30.296,
157.534

■ 93, 41.507,
156.553

■ 97, 18.449,
158.613

■ 92, 52.472,
155.310

■ 99, 6.721, 159.505

■ 91, 62.786,
153.890

100, 0.012,
296.813

■ 90, 72.249,
152.270

■ 89, 80.698,
150.439

■ 89, 88.041,
148.402

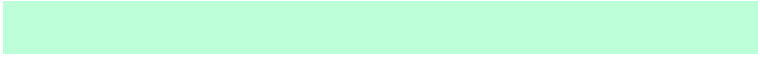
■ 88, 94.285,
146.197

■ 88, 96.684,
145.262

Harmonies

Complementary

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



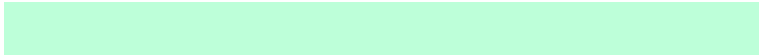
95, 30.296, 157.534



84, 30.767, 342.050

Rectangle

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



95, 30.296, 157.534



95, 30.296, 207.534



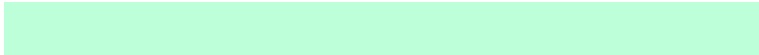
95, 30.296, 337.534



95, 30.296, 27.534

Sweetspot

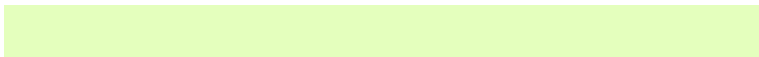
The Sweet Spot groups the original color and five complimentary colors.



95, 30.101, 157.645



98, 9.352, 159.304



97, 34.746, 124.817



52, 6.650, 159.172



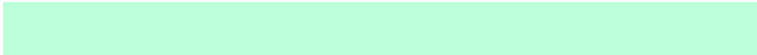
0, 0.000, 0.000



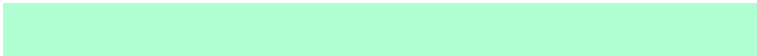
53, 0.007, 296.813

Same Dimension

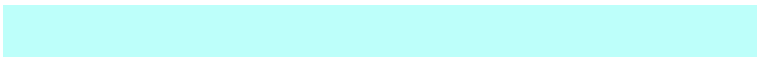
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 30.101, 157.645



94, 36.125, 157.090



96, 21.786, 190.609



52, 6.650, 159.172



68, 77.169, 145.680



23, 33.197, 148.850

Inverse Universe

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



84, 30.767, 342.050



80, 37.063, 342.568



83, 25.238, 14.997



50, 6.712, 340.591



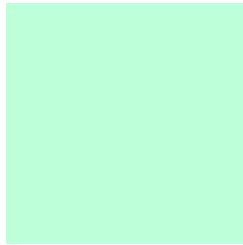
42, 69.607, 355.295



11, 32.750, 350.861

Previews

White Background



This preview shows how the CIE LCh color 95, 30.296, 157.534 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, 30.296, 157.534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

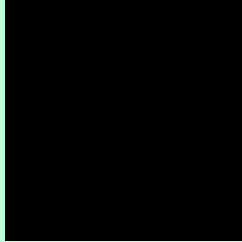
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

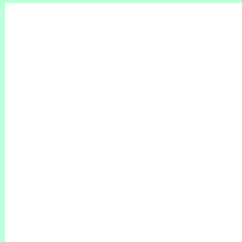
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 30.296, 157.534

Background



This preview shows how black text looks on a background with the CIELCh color 95, 30.296, 157.534.

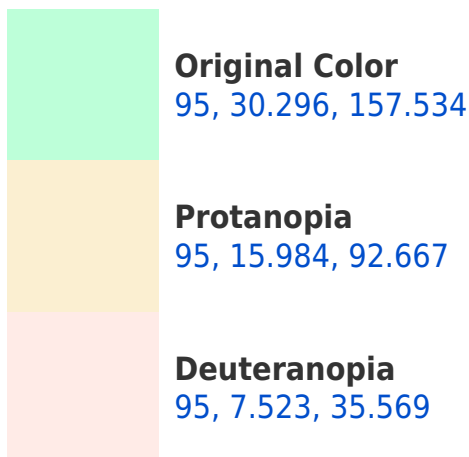


This preview shows how white text looks on a background with the CIELCh color 95, 30.296, 157.534.

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



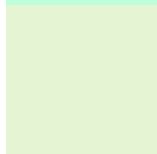


Tritanopia
95, 10.017, 233.480

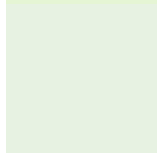
Trichromacy



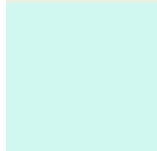
Original Color
95, 30.296, 157.534



Protanomaly
95, 17.889, 127.930



Deuteranomaly
94, 9.136, 135.079



Tritanomaly
95, 14.186, 183.786

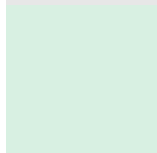
Monochromacy



Original Color
95, 30.296, 157.534



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 11.217, 158.671

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 30.296, 157.534 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(189, 255, 217)` looks like.

```
.text, #text, p{  
    color:rgb(189, 255, 217)  
}
```

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(189, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 255, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 30.296, 157.534 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(189, 255, 217) }
```

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

```
.border{ border-color:rgb(189, 255, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 255, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(189, 255,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 30.296, 157.534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 255, 217) }
```

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

```
.background{ background-color: rgb(189,  
255, 217) }
```

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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