

Converting Colors

CIELCh(96, 9.354, 144.734)

Have a look what the booklet for
CIELCh(96, 9.354, 144.734) contains.

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Color

CIELCh(96, 9.589, 145.816)

Conversions

Conversions Part 1

Format	Color
Hex	E8F8E9
RGB	232, 248, 233
RGB Percent	91%, 97%, 91%
CMY	0.0910, 0.0282, 0.0870
CMYK	0.06, 0.00, 0.06, 0.03
HSL	124°, 53%, 94%
HSV	124°, 6%, 97%
XYZ	81.4015, 90.0078, 90.0270
YIQ	241.5060, -4.7210, -8.0570

Conversions

Conversions Part 2

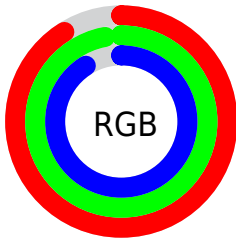
Format	Color
R _{YB}	232, 247, 248
Decimal	15268073
CIE Lab	96.00, -7.93, 5.39
CIE LCh	96, 9.589, 145.816
Yxy	90.0078, 0.3114, 0.3443
Android (android.graphics.Color)	4293458153 (0xFFE8F8E9)
YUV	241.5060, -4.1935, -8.3368
Hunter-Lab	94.8724, -12.8719, 10.1488

Details

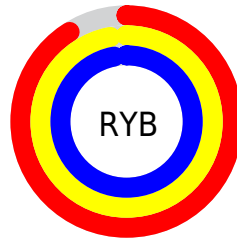
The CIELCh color **96, 9.589, 145.816** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 9.614, 326.498**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 10.076, 145.698** is the 20% darker color. If you saturate the color by 10%, you get **94, 24.594, 145.118**, and if you desaturate by 10%, it is **98, 4.478, 324.529**.

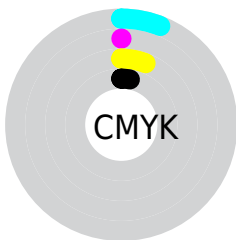
Distribution



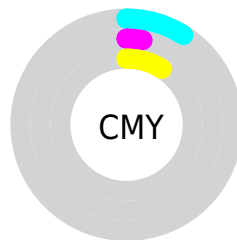
- Red (91%)
- Green (97%)
- Blue (91%)



- Red (91%)
- Yellow (97%)
- Blue (97%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (3%)



- Cyan (9%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 9.589, 145.816 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 96, 9.589, 145.816 by changing the saturation by 10% instead.

96, 9.589, 145.816

96, 9.589, 145.816

100, 9.589,
145.816

86, 9.589, 145.816

76, 9.589, 145.816

66, 9.589, 145.816

56, 9.589, 145.816

46, 9.589, 145.816

36, 9.589, 145.816

26, 9.589, 145.816

16, 9.589, 145.816

6, 9.589, 145.816

96, 9.589, 145.816

96, 9.589, 145.816

94, 24.594,
145.118

98, 4.478, 324.529

92, 39.591,
144.317

90, 54.330,
143.389


89, 68.489,
142.325

88, 81.674,
141.137

87, 93.426,
139.866

86, 103.238,
138.595

86, 110.604,
137.451

 86, 115.169,
136.577

Harmonies

Complementary

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



96, 9.589, 145.816



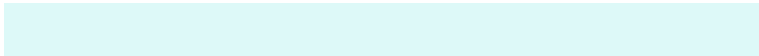
94, 9.614, 326.498

Rectangle

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



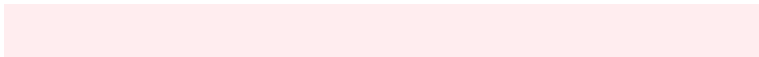
96, 9.589, 145.816



96, 9.589, 195.816



96, 9.589, 325.816



96, 9.589, 15.816

Sweetspot

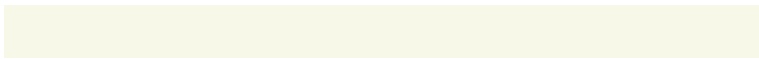
The Sweet Spot groups the original color and five complimentary colors.



96, 9.591, 145.816



100, 3.023, 146.159



97, 8.152, 111.567



53, 1.718, 146.170



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

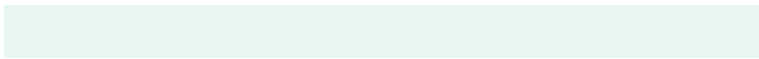
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 9.591, 145.816



98, 12.178, 145.711



96, 6.746, 165.952



51, 8.521, 145.611



67, 94.372, 136.511



21, 41.149, 138.229

Inverse Universe

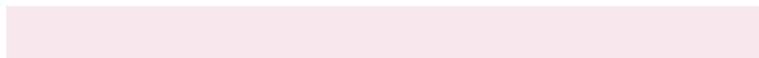
The Inverse Universe completely reimagines the original color for something new.



94, 9.614, 326.498



95, 12.201, 326.593



93, 6.826, 346.924



49, 8.536, 326.683



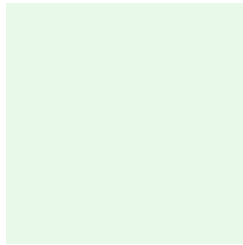
44, 87.741, 330.890



11, 39.945, 330.535

Previews

White Background



This preview shows how the CIE LCh color 96, 9.589, 145.816 looks on a white background.

Color Contrast Check

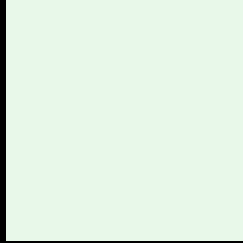
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 96, 9.589, 145.816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

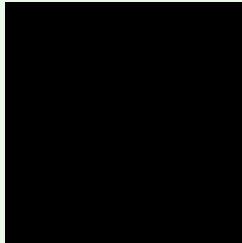
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

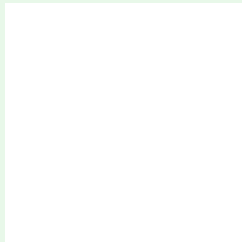
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 9.589, 145.816

Background



This preview shows how black text looks on a background with the CIELCh color 96, 9.589, 145.816.

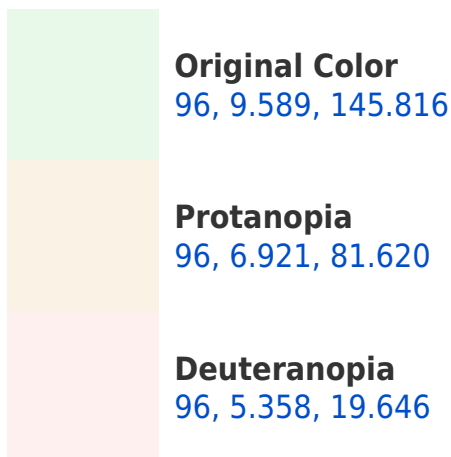


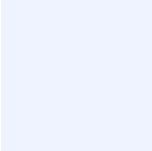
This preview shows how white text looks on a background with the CIELCh color 96, 9.589, 145.816.

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](#).

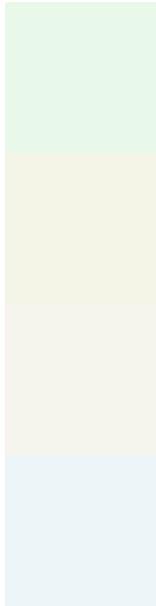
Dichromacy





Tritanopia
96, 6.286, 278.034

Trichromacy



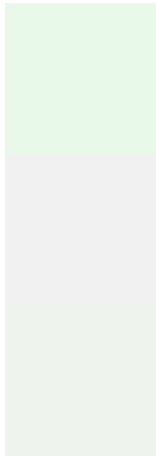
Original Color
96, 9.589, 145.816

Protanomaly
96, 6.635, 109.653

Deuteranomaly
96, 3.362, 84.807

Tritanomaly
96, 3.276, 217.659

Monochromacy



Original Color
96, 9.589, 145.816

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.122, 144.423

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 9.589, 145.816 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(232, 248, 233)` looks like.

```
.text, #text, p{  
    color:rgb(232, 248, 233)  
}
```

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(232, 248, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 248, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 9.589, 145.816 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(232, 248, 233) }
```

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

```
.border{ border-color:rgb(232, 248, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 248, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 248, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 248, 233); box-shadow:4px 4px 4px 4px rgb(232, 248, 233) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 9.589, 145.816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 248, 233) }
```

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

```
.background{ background-color: rgb(232,  
248, 233) }
```

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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