

Converting Colors

CIELCh(96, 5.477, 147.484)

Have a look what the booklet for
CIELCh(96, 5.477, 147.484) contains.

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Color

CIELCh(96, 5.206, 147.459)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EDF6EE |
| RGB | 237, 246, 238 |
| RGB Percent | 93%, 96%, 93% |
| CMY | 0.0710, 0.0357, 0.0670 |
| CMYK | 0.04, 0.00, 0.03, 0.04 |
| HSL | 127°, 33%, 95% |
| HSV | 127°, 4%, 96% |
| XYZ | 83.2377, 90.0078, 93.8011 |
| YIQ | 242.3970, -2.7960, -4.3960 |

Conversions

Conversions Part 2

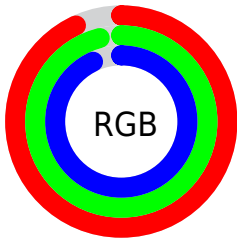
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 237, 245, 246 |
| Decimal | 15595246 |
| CIE Lab | 96.00, -4.39, 2.80 |
| CIE LCh | 96, 5.206, 147.459 |
| Yxy | 90.0078, 0.3117, 0.3370 |
| Android (android.graphics.Color) | 4293785326 (0xFFEDF6EE) |
| YUV | 242.3970, -2.1677, -4.7332 |
| Hunter-Lab | 94.8724, -9.4172, 7.7902 |

Details

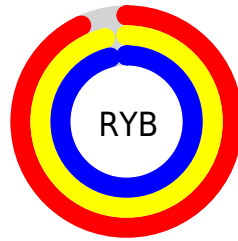
The CIELCh color **96, 5.206, 147.459** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 5.229, 327.761**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 5.472, 147.383** is the 20% darker color. If you saturate the color by 10%, you get **94, 19.586, 146.750**, and if you desaturate by 10%, it is **98, 5.661, 324.584**.

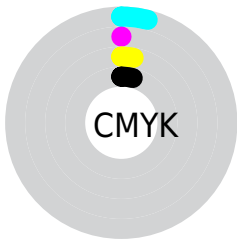
Distribution



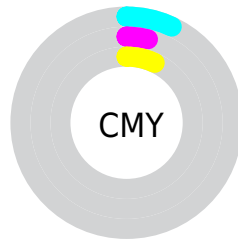
- Red (93%)
- Green (96%)
- Blue (93%)



- Red (93%)
- Yellow (96%)
- Blue (96%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)



- Cyan (7%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 5.206, 147.459 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, 5.206, 147.459 by changing the saturation by 10% instead.

96, 5.206, 147.459

96, 5.206, 147.459

100, 5.206,
147.459

86, 5.206, 147.459

76, 5.206, 147.459

66, 5.206, 147.459

56, 5.206, 147.459

46, 5.206, 147.459

36, 5.206, 147.459

26, 5.206, 147.459

16, 5.206, 147.459

6, 5.206, 147.459

96, 5.206, 147.459

96, 5.206, 147.459

94, 19.586,
146.750

98, 5.661, 324.584

92, 34.013,
145.968

90, 48.275,
145.061


89, 62.096,
144.012

87, 75.145,
142.819

87, 87.037,
141.498

86, 97.359,
140.099

85, 105.688,
138.711

 85,111.659,
137.467

Harmonies

Complementary

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



96, 5.206, 147.459



95, 5.229, 327.761

Rectangle

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



96, 5.206, 147.459



96, 5.206, 197.459



96, 5.206, 327.459



96, 5.206, 17.459

Sweetspot

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



96, 5.209, 147.458



100, 1.455, 147.788



97, 4.601, 113.805



53, 0.827, 147.803



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

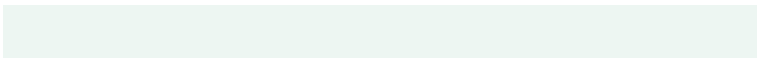
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 5.209, 147.458



99, 5.863, 147.431



96, 3.673, 169.232



51, 4.033, 147.377



66, 92.229, 137.041



20, 38.831, 139.489

Inverse Universe

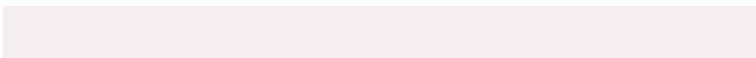
The Inverse Universe completely reimagines the original color for something new.



95, 5.229, 327.761



97, 5.885, 327.787



94, 3.711, 349.602



50, 4.046, 327.839



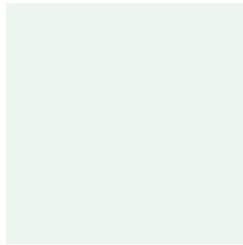
43, 83.614, 333.217



10, 37.605, 332.487

Previews

White Background



This preview shows how the CIE LCh color 96, 5.206, 147.459 looks on a white background.

Color Contrast Check

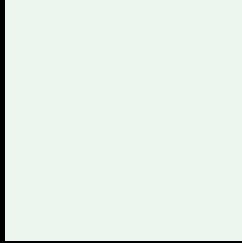
Large Text (above 18pt) WCAG AA × Fail

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, 5.206, 147.459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

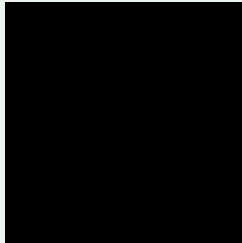
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

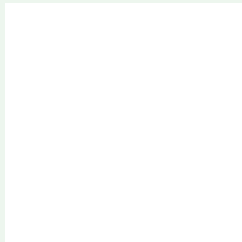
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 5.206, 147.459

Background



This preview shows how black text looks on a background with the CIELCh color 96, 5.206, 147.459.

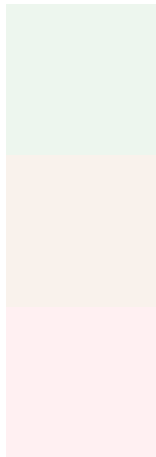


This preview shows how white text looks on a background with the CIELCh color 96, 5.206, 147.459.

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


96, 5.206, 147.459

Protanopia

96, 3.938, 70.414

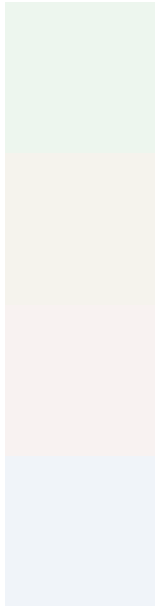
Deuteranopia

96, 5.448, 8.855



Tritanopia
96, 6.161, 287.455

Trichromacy



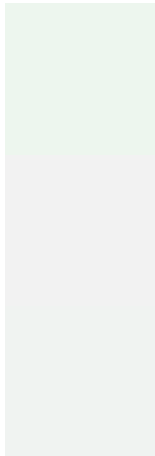
Original Color
96, 5.206, 147.459

Protanomaly
96, 3.134, 96.780

Deuteranomaly
96, 2.182, 32.792

Tritanomaly
96, 2.902, 261.780

Monochromacy



Original Color
96, 5.206, 147.459

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 1.473, 155.854

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 5.206, 147.459 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(237, 246, 238)` looks like.

```
.text, #text, p{  
    color:rgb(237, 246, 238)  
}
```

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(237, 246, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 246, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 5.206, 147.459 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(237, 246, 238) }
```

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

```
.border{ border-color:rgb(237, 246, 238) }
```

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

Here you see how a box with a 4 pixel rgb(237, 246, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 246, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 246, 238);  
box-shadow:4px 4px 4px 4px rgb(237, 246,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 5.206, 147.459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 246, 238) }
```

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

```
.background{ background-color: rgb(237,  
246, 238) }
```

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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