

Converting Colors

CIELCh(96, 6.893, 144.447)

Have a look what the booklet for
CIELCh(96, 6.893, 144.447) contains.

CIELCh(96, 7.083, 146.532)	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(96, 7.083, 146.532)

Conversions

Conversions Part 1

Format	Color
Hex	EBF7EC
RGB	235, 247, 236
RGB Percent	92%, 97%, 93%
CMY	0.0795, 0.0324, 0.0756
CMYK	0.05, 0.00, 0.04, 0.03
HSL	125°, 42%, 94%
HSV	125°, 5%, 97%
XYZ	82.4468, 90.0078, 92.1755
YIQ	242.1580, -3.6210, -5.9650

Conversions

Conversions Part 2

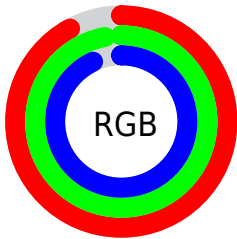
Format	Color
R _Y B	235, 246, 247
Decimal	15464428
CIE Lab	96.00, -5.91, 3.91
CIE LCh	96, 7.083, 146.532
Yxy	90.0078, 0.3116, 0.3401
Android (android.graphics.Color)	4293654508 (0xFFEBF7EC)
YUV	242.1580, -3.0359, -6.2776
Hunter-Lab	94.8724, -10.9053, 8.8061

Details

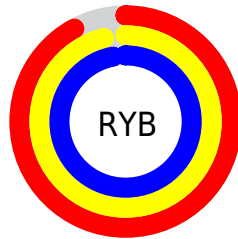
The CIELCh color **96, 7.083, 146.532** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 7.107, 327.006**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 7.443, 146.440** is the 20% darker color. If you saturate the color by 10%, you get **94, 21.802, 145.835**, and if you desaturate by 10%, it is **98, 5.150, 324.561**.

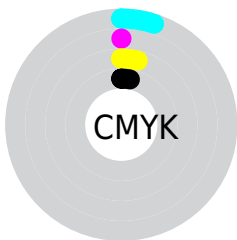
Distribution



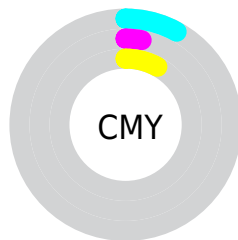
- Red (92%)
- Green (97%)
- Blue (93%)



- Red (92%)
- Yellow (96%)
- Blue (97%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (8%)
- Magenta (3%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 7.083, 146.532 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, 7.083, 146.532 by changing the saturation by 10% instead.

 96, 7.083, 146.532

 96, 7.083, 146.532

 100, 7.083,
146.532

 86, 7.083, 146.532

 76, 7.083, 146.532

 66, 7.083, 146.532

 56, 7.083, 146.532

 46, 7.083, 146.532

 36, 7.083, 146.532

 26, 7.083, 146.532

 16, 7.083, 146.532

 6, 7.083, 146.532

96, 7.083, 146.532

96, 7.083, 146.532

94, 21.802,
145.835

98, 5.150, 324.561

92, 36.547,
145.048

90, 51.087,
144.134

89, 65.125,
143.081

88, 78.299,
141.894

87, 90.187,
140.599

86, 100.325,
139.265

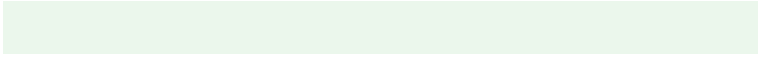
86, 108.243,
137.999

■ 85,113.560,
136.943

Harmonies

Complementary

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



96, 7.083, 146.532



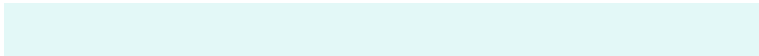
94, 7.107, 327.006

Rectangle

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



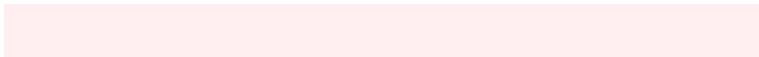
96, 7.083, 146.532



96, 7.083, 196.532



96, 7.083, 326.532



96, 7.083, 16.532

Sweetspot

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



96, 7.085, 146.532



100, 1.483, 146.940



97, 6.122, 112.376



53, 0.843, 146.955



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, 7.085, 146.532



99, 8.987, 146.452



96, 5.005, 167.086



50, 5.768, 146.409



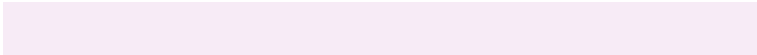
66, 92.955, 136.717



20, 39.390, 138.942

Inverse Universe

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



94, 7.107, 327.006



96, 9.009, 327.081



94, 5.058, 347.733



49, 5.781, 327.120



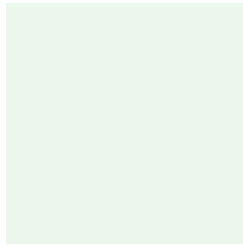
43, 85.452, 331.856



10, 38.323, 331.338

Previews

White Background



This preview shows how the CIELCh color 96, 7.083, 146.532 looks on a white background.

Color Contrast Check

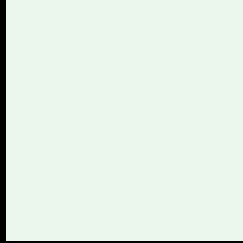
Large Text (above 18pt) WCAG AA × Fail

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 96, 7.083, 146.532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

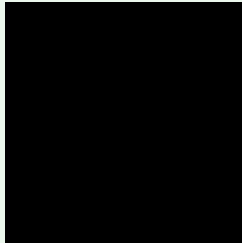
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

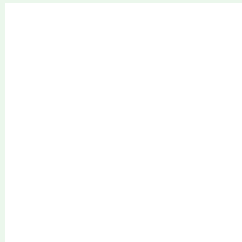
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 7.083, 146.532

Background



This preview shows how black text looks on a background with the CIELCh color 96, 7.083, 146.532.

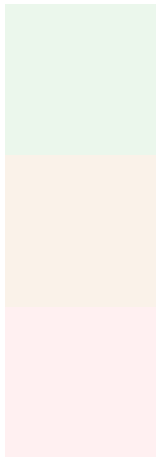


This preview shows how white text looks on a background with the CIELCh color 96, 7.083, 146.532.

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, 7.083, 146.532

Protanopia

96, 5.403, 77.611

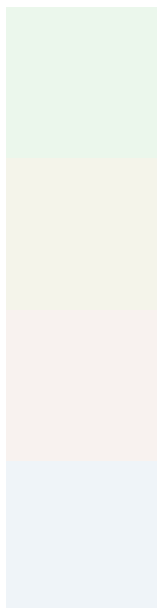
Deuteranopia

96, 5.379, 14.205



Tritanopia
96, 6.184, 284.270

Trichromacy



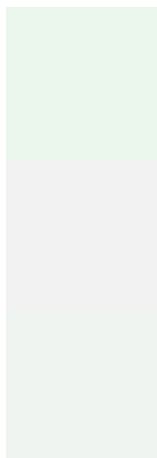
Original Color
96, 7.083, 146.532

Protanomaly
96, 5.102, 109.769

Deuteranomaly
96, 2.612, 55.189

Tritanomaly
96, 2.672, 249.774

Monochromacy



Original Color
96, 7.083, 146.532

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 2.711, 150.533

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 7.083, 146.532 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(235, 247, 236)` looks like.

```
.text, #text, p{  
    color:rgb(235, 247, 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(235, 247, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 247, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 7.083, 146.532 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(235, 247, 236) }
```

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

```
.border{ border-color:rgb(235, 247, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 247, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 247, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 247, 236);  
box-shadow:4px 4px 4px 4px rgb(235, 247,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 7.083, 146.532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 247, 236) }
```

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

```
.background{ background-color: rgb(235,  
247, 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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