

Converting Colors

CIELCh(96, 6.569, 153.983)

Have a look what the booklet for
CIELCh(96, 6.569, 153.983) contains.

CIELCh(96, 6.532, 154.294)	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, 6.532, 154.294)

Conversions

Conversions Part 1

Format	Color
Hex	EAF7EE
RGB	234, 247, 238
RGB Percent	92%, 97%, 93%
CMY	0.0832, 0.0322, 0.0675
CMYK	0.05, 0.00, 0.04, 0.03
HSL	138°, 44%, 94%
HSV	138°, 5%, 97%
XYZ	82.4588, 90.0078, 93.7524
YIQ	242.0870, -4.8590, -5.5550

Conversions

Conversions Part 2

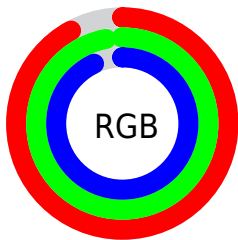
Format	Color
R_{YB}	234, 244, 247
Decimal	15398894
CIE Lab	96.00, -5.89, 2.83
CIE LCh	96, 6.532, 154.294
Yxy	90.0078, 0.3097, 0.3381
Android (android.graphics.Color)	4293588974 (0xFFEAF7EE)
YUV	242.0870, -2.0149, -7.0923
Hunter-Lab	94.8724, -10.8828, 7.8207

Details

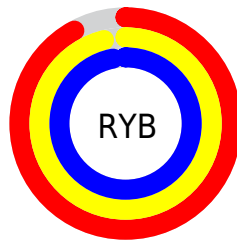
The CIELCh color **96, 6.532, 154.294** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 6.566, 334.896**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 6.863, 154.177** is the 20% darker color. If you saturate the color by 10%, you get **94, 19.035, 153.482**, and if you desaturate by 10%, it is **98, 5.059, 324.960**.

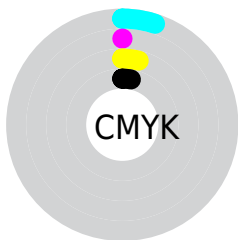
Distribution



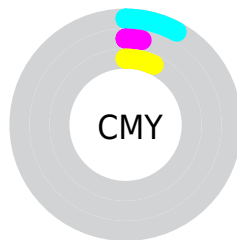
- Red (92%)
- Green (97%)
- Blue (93%)



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



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



- Cyan (8%)
- Magenta (3%)
- Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 6.532, 154.294 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, 6.532, 154.294 by changing the saturation by 10% instead.

 96, 6.532, 154.294

 96, 6.532, 154.294

 100, 6.532,
154.294

 86, 6.532, 154.294

 76, 6.532, 154.294

 66, 6.532, 154.294

 56, 6.532, 154.294

 46, 6.532, 154.294

 36, 6.532, 154.294

 26, 6.532, 154.294

 16, 6.532, 154.294

 6, 6.532, 154.294

96, 6.532, 154.294

96, 6.532, 154.294

94, 19.035,
153.482

98, 5.059, 324.960

98, 5.110, 324.559

92, 31.519,
152.592

91, 43.808,
151.573

89, 55.689,
150.401

88, 66.923,
149.052

87, 77.270,
147.515

86, 86.512,
145.788

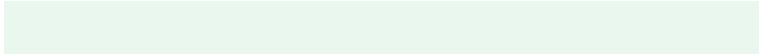
86, 94.483,
143.897

■ 86, 101.096,
141.907

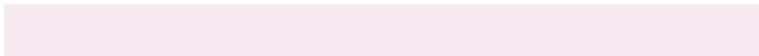
Harmonies

Complementary

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



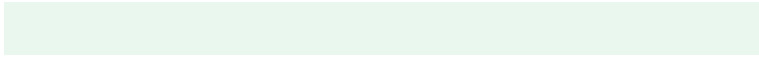
96, 6.532, 154.294



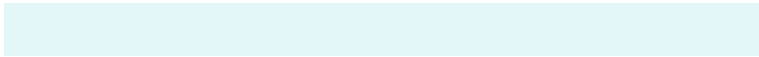
94, 6.566, 334.896

Rectangle

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



96, 6.532, 154.294



96, 6.532, 204.294



96, 6.532, 334.294



96, 6.532, 24.294

Sweetspot

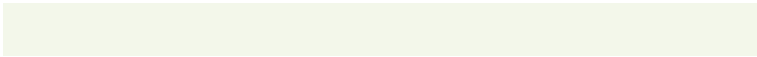
The Sweet Spot groups the original color and five complimentary colors.



96, 6.534, 154.290



100, 2.536, 154.620



97, 6.785, 121.510



53, 1.442, 154.636



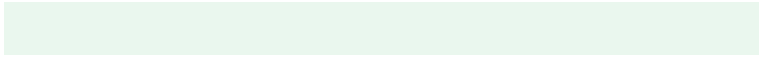
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

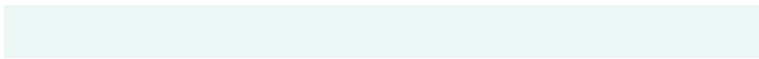
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 6.534, 154.290



99, 7.646, 154.229



96, 4.740, 182.907



51, 4.907, 154.179



66, 83.285, 141.368



21, 34.424, 144.607

Inverse Universe

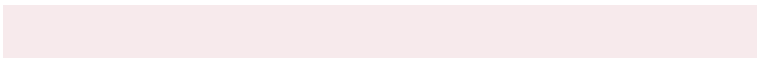
The Inverse Universe completely reimagines the original color for something new.



94, 6.566, 334.896



96, 7.683, 334.955



94, 4.845, 3.611



49, 4.931, 335.004



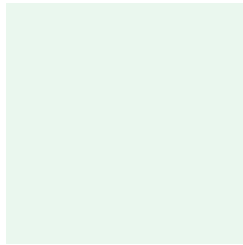
41, 72.512, 345.462



10, 33.108, 342.528

Previews

White Background



This preview shows how the CIE LCh color 96, 6.532, 154.294 looks on a white background.

Color Contrast Check

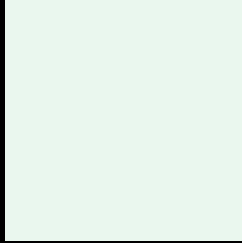
Large Text (above 18pt) WCAG AA × Fail

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, 6.532, 154.294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

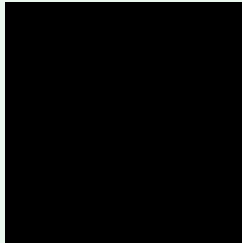
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

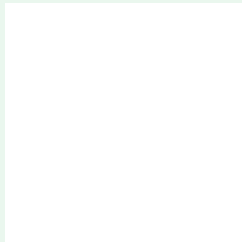
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 6.532, 154.294

Background



This preview shows how black text looks on a background with the CIELCh color 96, 6.532, 154.294.

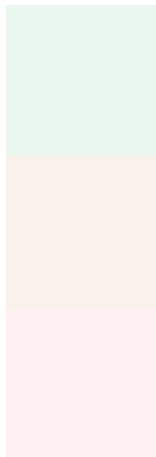


This preview shows how white text looks on a background with the CIELCh color 96, 6.532, 154.294.

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

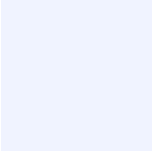
96, 6.532, 154.294

Protanopia

96, 4.348, 74.634

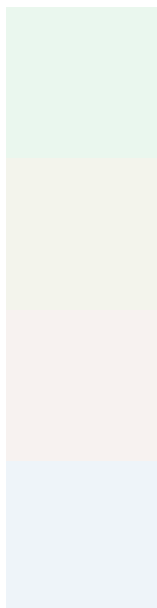
Deuteranopia

96, 5.448, 8.855



Tritanopia
96, 6.226, 281.124

Trichromacy



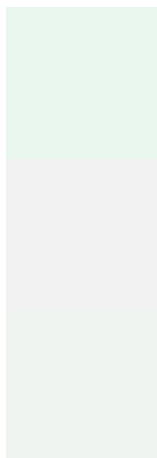
Original Color
96, 6.532, 154.294

Protanomaly
96, 4.100, 114.827

Deuteranomaly
96, 2.035, 49.325

Tritanomaly
96, 3.280, 251.010

Monochromacy



Original Color
96, 6.532, 154.294

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, 6.532, 154.294 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(234, 247, 238)` looks like.

```
.text, #text, p{  
    color:rgb(234, 247, 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(234, 247, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 247, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 6.532, 154.294 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(234, 247, 238) }
```

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

```
.border{ border-color:rgb(234, 247, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 247, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 247, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 247, 238);  
box-shadow:4px 4px 4px 4px rgb(234, 247,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 6.532, 154.294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 247, 238) }
```

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

```
.background{ background-color: rgb(234,  
247, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor