

Converting Colors

CIELCh(96, 6.325, 136.458)

Have a look what the booklet for
CIELCh(96, 6.325, 136.458) contains.

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Color

CIELCh(96, 6.322, 136.435)

Conversions

Conversions Part 1

Format	Color
Hex	EEF6EB
RGB	238, 246, 235
RGB Percent	93%, 96%, 92%
CMY	0.0670, 0.0356, 0.0788
CMYK	0.03, 0.00, 0.04, 0.04
HSL	104°, 38%, 94%
HSV	104°, 4%, 96%
XYZ	83.1374, 90.0078, 91.5180
YIQ	242.3540, -1.2370, -5.1170

Conversions

Conversions Part 2

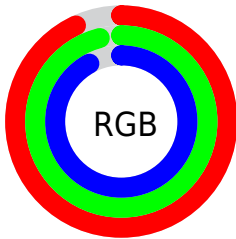
Format	Color
R _Y B	235, 246, 243
Decimal	15660779
CIE Lab	96.00, -4.58, 4.36
CIE LCh	96, 6.322, 136.435
Yxy	90.0078, 0.3141, 0.3401
Android (android.graphics.Color)	4293850859 (0xFFEEF6EB)
YUV	242.3540, -3.6255, -3.8185
Hunter-Lab	94.8724, -9.6059, 9.2170

Details

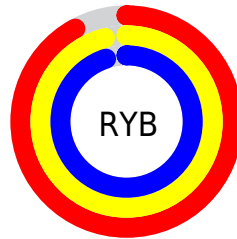
The CIELCh color **96, 6.322, 136.435** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 6.363, 316.749**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 6.643, 136.373** is the 20% darker color. If you saturate the color by 10%, you get **94, 20.572, 135.948**, and if you desaturate by 10%, it is **98, 5.659, 324.584**.

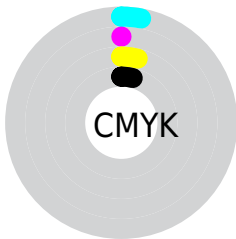
Distribution



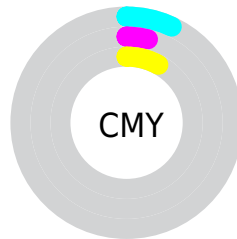
- Red (93%)
- Green (96%)
- Blue (92%)



- Red (92%)
- Yellow (96%)
- Blue (95%)



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



- Cyan (7%)
- Magenta (4%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 6.322, 136.435 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, 6.322, 136.435 by changing the saturation by 10% instead.

 96, 6.322, 136.435

 96, 6.322, 136.435

 100, 6.322,
136.435

 86, 6.322, 136.435

 76, 6.322, 136.435

 66, 6.322, 136.435

 56, 6.322, 136.435

 46, 6.322, 136.435

 36, 6.322, 136.435

 26, 6.322, 136.435

 16, 6.322, 136.435

 6, 6.322, 136.435

96, 6.322, 136.435

96, 6.322, 136.435

94, 20.572,
135.948

98, 5.659, 324.584

93, 34.844,
135.423

91, 48.976,
134.855

90, 62.740,
134.263

89, 75.823,
133.689

88, 87.791,
133.206

87, 98.086,
132.923

86, 106.080,
132.972

■ 86, 111.317,
133.453

Harmonies

Complementary

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



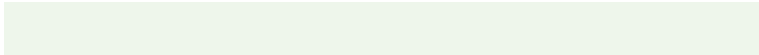
96, 6.322, 136.435



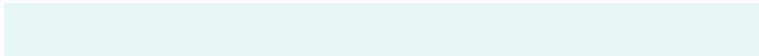
94, 6.363, 316.749

Rectangle

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



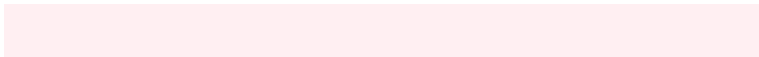
96, 6.322, 136.435



96, 6.322, 186.435



96, 6.322, 316.435



96, 6.322, 6.435

Sweetspot

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



96, 6.324, 136.439



100, 1.444, 136.710



96, 4.165, 94.322



53, 0.821, 136.720



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, 6.324, 136.439



99, 7.282, 136.412



96, 5.909, 150.893



51, 4.807, 136.378



66, 91.629, 133.633



21, 38.855, 133.016

Inverse Universe

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



94, 6.363, 316.749



97, 7.326, 316.775



94, 5.933, 331.338



49, 4.837, 316.808



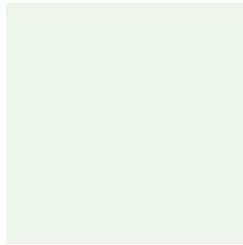
35, 94.064, 318.239



7, 41.498, 319.406

Previews

White Background



This preview shows how the CIE LCh color 96, 6.322, 136.435 looks on a white background.

Color Contrast Check

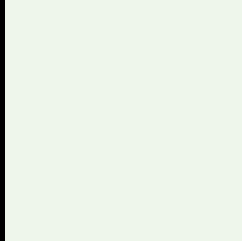
Large Text (above 18pt) WCAG AA × Fail

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, 6.322, 136.435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

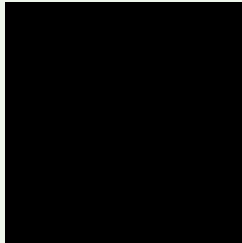
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

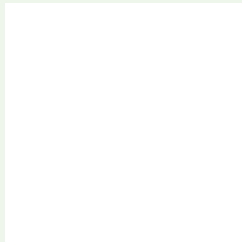
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 6.322, 136.435

Background



This preview shows how black text looks on a background with the CIELCh color 96, 6.322, 136.435.

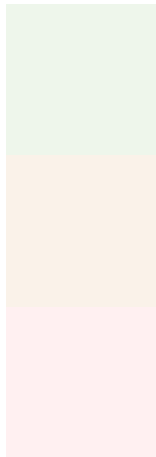


This preview shows how white text looks on a background with the CIELCh color 96, 6.322, 136.435.

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, 6.322, 136.435

Protanopia

96, 5.403, 77.611

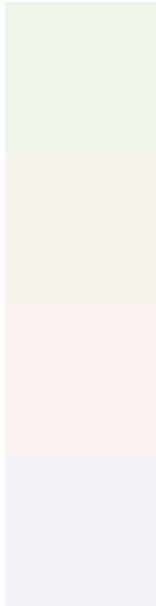
Deuteranopia

96, 5.379, 14.205



Tritanopia
96, 6.674, 290.701

Trichromacy



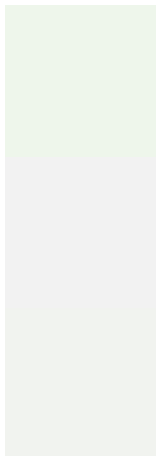
Original Color
96, 6.322, 136.435

Protanomaly
96, 4.707, 96.612

Deuteranomaly
96, 2.910, 51.087

Tritanomaly
96, 2.654, 275.182

Monochromacy



Original Color
96, 6.322, 136.435

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 2.165, 129.060

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 6.322, 136.435 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(238, 246, 235)` looks like.

```
.text, #text, p{  
    color:rgb(238, 246, 235)  
}
```

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(238, 246, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 246, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 6.322, 136.435 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(238, 246, 235) }
```

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

```
.border{ border-color:rgb(238, 246, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 246, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 246, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 246, 235);  
box-shadow:4px 4px 4px 4px rgb(238, 246,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 6.322, 136.435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 246, 235) }
```

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

```
.background{ background-color: rgb(238,  
246, 235) }
```

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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