

Converting Colors

CIELCh(96, 6.057, 141.555)

Have a look what the booklet for
CIELCh(96, 6.057, 141.555) contains.

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Color

CIELCh(96, 6.052, 141.556)

Conversions

Conversions Part 1

Format	Color
Hex	EDF6EC
RGB	237, 246, 236
RGB Percent	93%, 96%, 93%
CMY	0.0704, 0.0351, 0.0743
CMYK	0.04, 0.00, 0.04, 0.04
HSL	114°, 36%, 95%
HSV	114°, 4%, 96%
XYZ	83.0544, 90.0078, 92.3850
YIQ	242.1690, -2.1540, -5.0180

Conversions

Conversions Part 2

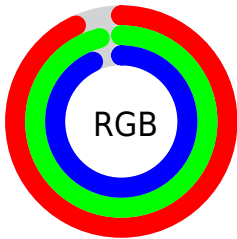
Format	Color
R _Y B	236, 246, 245
Decimal	15595244
CIE Lab	96.00, -4.74, 3.76
CIE LCh	96, 6.052, 141.556
Yxy	90.0078, 0.3129, 0.3391
Android (android.graphics.Color)	4293785324 (0xFFEDF6EC)
YUV	242.1690, -3.0413, -4.5332
Hunter-Lab	94.8724, -9.7620, 8.6752

Details

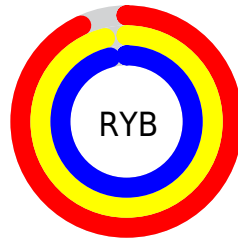
The CIELCh color **96, 6.052, 141.556** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 6.080, 321.869**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 6.361, 141.489** is the 20% darker color. If you saturate the color by 10%, you get **94, 21.095, 140.968**, and if you desaturate by 10%, it is **98, 5.574, 324.580**.

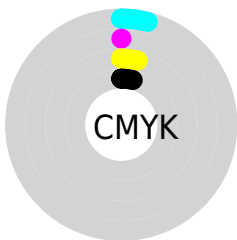
Distribution



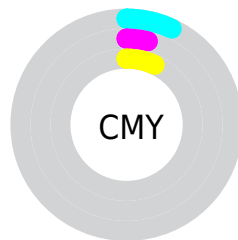
- Red (93%)
- Green (96%)
- Blue (93%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 6.052, 141.556 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, 6.052, 141.556 by changing the saturation by 10% instead.

96, 6.052, 141.556

96, 6.052, 141.556

100, 6.052,
141.556

86, 6.052, 141.556

76, 6.052, 141.556

66, 6.052, 141.556

56, 6.052, 141.556

46, 6.052, 141.556

36, 6.052, 141.556

26, 6.052, 141.556

16, 6.052, 141.556

6, 6.052, 141.556

96, 6.052, 141.556

96, 6.052, 141.556

94, 21.095,
140.968

98, 5.574, 324.580

92, 36.183,
140.317

90, 51.104,
139.577


89, 65.570,
138.755

88, 79.200,
137.881

87, 91.501,
137.015

86, 101.870,
136.263

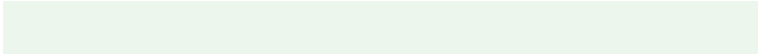
86, 109.661,
135.761

 85, 114.414,
135.622

Harmonies

Complementary

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



96, 6.052, 141.556



94, 6.080, 321.869

Rectangle

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



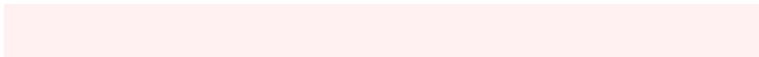
96, 6.052, 141.556



96, 6.052, 191.556



96, 6.052, 321.556



96, 6.052, 11.556

Sweetspot

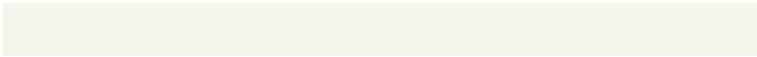
The Sweet Spot groups the original color and five complimentary colors.



96, 6.055, 141.558



100, 1.521, 141.851



96, 4.599, 105.355



53, 0.865, 141.864



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, 6.055, 141.558



99, 7.672, 141.500



96, 4.696, 158.419



51, 5.065, 141.460



66, 93.958, 135.557



21, 40.264, 135.896

Inverse Universe

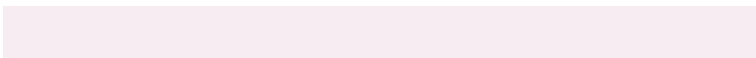
The Inverse Universe completely reimagines the original color for something new.



94, 6.080, 321.869



97, 7.701, 321.923



94, 4.726, 338.845



49, 5.083, 321.961



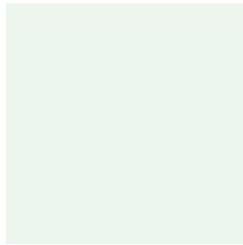
41, 91.842, 324.356



10, 40.784, 324.857

Previews

White Background



This preview shows how the CIELCh color 96, 6.052, 141.556 looks on a white background.

Color Contrast Check

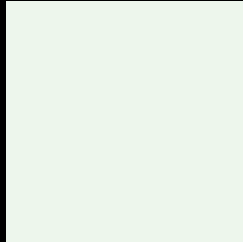
Large Text (above 18pt) WCAG AA × Fail

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, 6.052, 141.556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

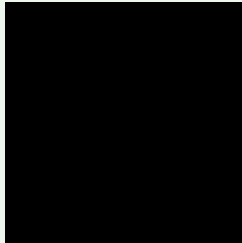
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

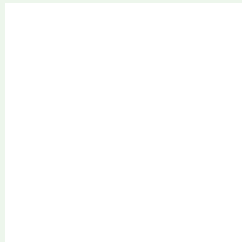
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 6.052, 141.556

Background



This preview shows how black text looks on a background with the CIELCh color 96, 6.052, 141.556.

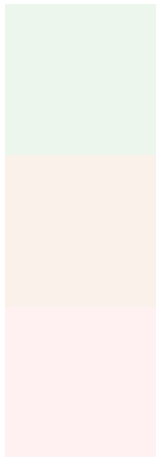


This preview shows how white text looks on a background with the CIELCh color 96, 6.052, 141.556.

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, 6.052, 141.556

Protanopia

96, 4.975, 74.550

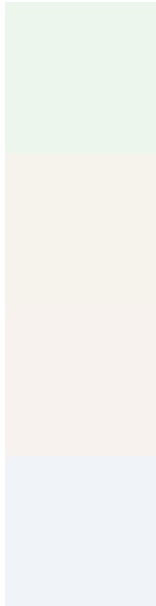
Deuteranopia

96, 5.379, 14.205



Tritanopia
96, 6.161, 287.455

Trichromacy



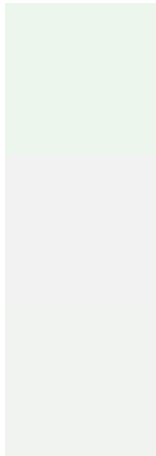
Original Color
96, 6.052, 141.556

Protanomaly
96, 4.137, 99.898

Deuteranomaly
96, 2.612, 55.189

Tritanomaly
96, 2.466, 255.994

Monochromacy



Original Color
96, 6.052, 141.556

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 1.868, 144.533

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 6.052, 141.556 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, 236)` looks like.

```
.text, #text, p{  
    color:rgb(237, 246, 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(237, 246, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 246, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 6.052, 141.556 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, 236) }
```

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

```
.border{ border-color:rgb(237, 246, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 246, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 246, 236);  
box-shadow:4px 4px 4px 4px rgb(237, 246,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 6.052, 141.556 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, 236) }
```

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

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