

Converting Colors

CIELCh(96, 5.555, 132.346)

Have a look what the booklet for
CIELCh(96, 5.555, 132.346) contains.

CIELCh(96, 5.555, 132.346)	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, 5.555, 132.346)

Conversions

Conversions Part 1

Format	Color
Hex	EFF5EB
RGB	239, 245, 235
RGB Percent	94%, 96%, 92%
CMY	0.0611, 0.0375, 0.0768
CMYK	0.02, 0.00, 0.04, 0.04
HSL	96°, 34%, 94%
HSV	96°, 4%, 96%
XYZ	83.5758, 90.0078, 91.8841
YIQ	242.0660, -0.3660, -4.3820

Conversions

Conversions Part 2

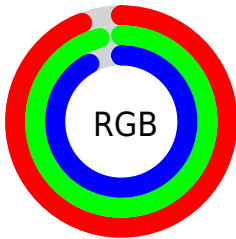
Format	Color
R_{YB}	235, 245, 241
Decimal	15726059
CIE _{Lab}	96.00, -3.74, 4.11
CIE _{LCh}	96, 5.555, 132.346
Yxy	90.0078, 0.3148, 0.3391
Android (android.graphics.Color)	4293916139 (0xFFEFF5EB)
YUV	242.0660, -3.4835, -2.6889
Hunter-Lab	94.8724, -8.7811, 8.9883

Details

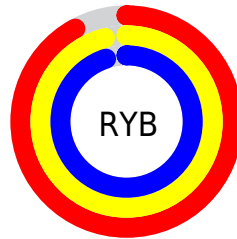
The CIELCh color **96, 5.555, 132.346** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 5.601, 312.627**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 5.837, 132.291** is the 20% darker color. If you saturate the color by 10%, you get **94, 19.271, 131.887**, and if you desaturate by 10%, it is **98, 5.797, 322.174**.

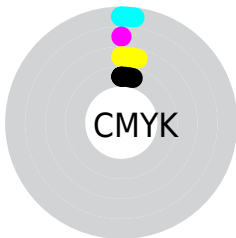
Distribution



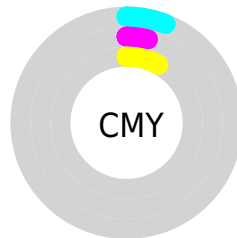
- Red (94%)
- Green (96%)
- Blue (92%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)



- Cyan (6%)
- Magenta (4%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 5.555, 132.346 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, 5.555, 132.346 by changing the saturation by 10% instead.

 96, 5.555, 132.346

 96, 5.555, 132.346

 100, 5.555,
132.346

 86, 5.555, 132.346

 76, 5.555, 132.346

 66, 5.555, 132.346

 56, 5.555, 132.346

 46, 5.555, 132.346

 36, 5.555, 132.346

 26, 5.555, 132.346

 16, 5.555, 132.346

 6, 5.555, 132.346

96, 5.555, 132.346

96, 5.555, 132.346

94, 19.271,
131.887

98, 5.797, 322.174

98, 5.960, 324.597

93, 32.984,
131.405

92, 46.557,
130.903

90, 59.797,
130.408

89, 72.423,
129.964

88, 84.040,
129.647

88, 94.124,
129.568

87, 102.073,
129.859

■ 86, 107.441,
130.625

Harmonies

Complementary

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



96, 5.555, 132.346



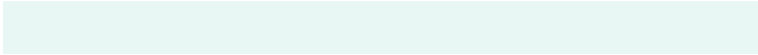
94, 5.601, 312.627

Rectangle

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



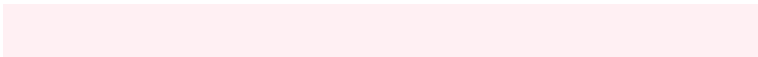
96, 5.555, 132.346



96, 5.555, 182.346



96, 5.555, 312.346



96, 5.555, 2.346

Sweetspot

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



96, 5.557, 132.352



100, 1.396, 132.578



95, 3.369, 84.805



53, 0.793, 132.587



0, 0.000, 0.000



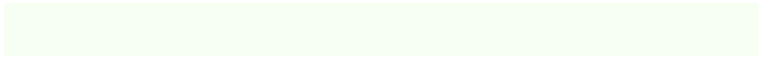
53, 0.007, 296.813

Same Dimension

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



96, 5.557, 132.352



99, 7.035, 132.307



96, 5.840, 147.088



51, 4.643, 132.275



67, 88.797, 130.980



21, 37.576, 129.923

Inverse Universe

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



94, 5.601, 312.627



96, 7.091, 312.673



94, 5.861, 327.452



49, 4.682, 312.704



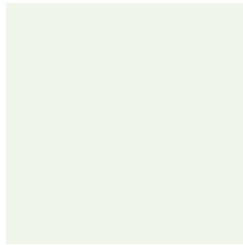
32, 96.422, 314.408



6, 41.646, 315.487

Previews

White Background



This preview shows how the CIE LCh color 96, 5.555, 132.346 looks on a white background.

Color Contrast Check

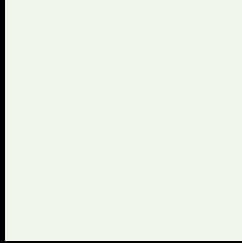
Large Text (above 18pt) WCAG AA × Fail

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, 5.555, 132.346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

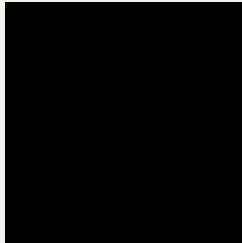
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

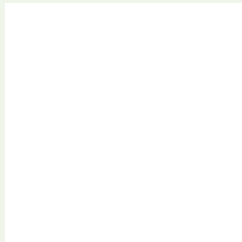
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 5.555, 132.346

Background



This preview shows how black text looks on a background with the CIELCh color 96, 5.555, 132.346.

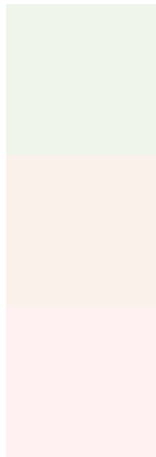


This preview shows how white text looks on a background with the CIELCh color 96, 5.555, 132.346.

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, 5.555, 132.346

Protanopia

96, 4.975, 74.550

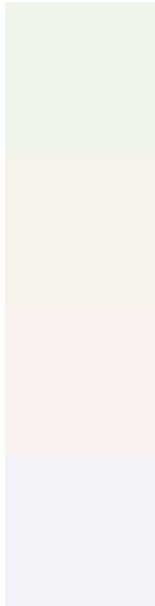
Deuteranopia

96, 5.379, 14.205



Tritanopia
96, 6.688, 293.655

Trichromacy



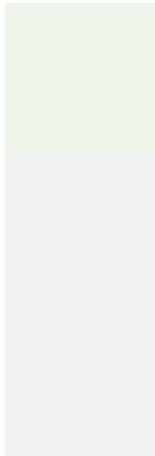
Original Color
96, 5.555, 132.346

Protanomaly
96, 4.210, 95.083

Deuteranomaly
96, 2.910, 51.087

Tritanomaly
96, 2.590, 282.666

Monochromacy



Original Color
96, 5.555, 132.346

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 1.689, 134.736

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 5.555, 132.346 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(239, 245, 235)` looks like.

```
.text, #text, p{  
    color:rgb(239, 245, 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(239, 245, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 245, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 5.555, 132.346 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(239, 245, 235) }
```

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

```
.border{ border-color:rgb(239, 245, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 245, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 245, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 245, 235);  
box-shadow:4px 4px 4px 4px rgb(239, 245,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 5.555, 132.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 245, 235) }
```

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

```
.background{ background-color: rgb(239,  
245, 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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