

Converting Colors

CIELCh(96, 7.032, 132.874)

Have a look what the booklet for
CIELCh(96, 7.032, 132.874) contains.

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Color

CIELCh(96, 7.251, 132.800)

Conversions

Conversions Part 1

Format	Color
Hex	EEF6E9
RGB	238, 246, 233
RGB Percent	93%, 96%, 91%
CMY	0.0665, 0.0351, 0.0861
CMYK	0.03, 0.00, 0.05, 0.04
HSL	97°, 42%, 94%
HSV	97°, 5%, 96%
XYZ	82.9572, 90.0078, 90.1239
YIQ	242.1260, -0.5950, -5.7390

Conversions

Conversions Part 2

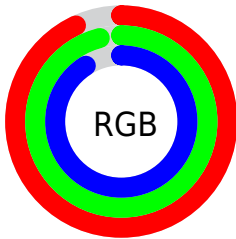
Format	Color
R_{YB}	233, 246, 241
Decimal	15660777
CIE _{Lab}	96.00, -4.93, 5.32
CIE _{LCh}	96, 7.251, 132.800
Yxy	90.0078, 0.3153, 0.3421
Android (android.graphics.Color)	4293850857 (0xFFEEF6E9)
YUV	242.1260, -4.4991, -3.6185
Hunter-Lab	94.8724, -9.9450, 10.0883

Details

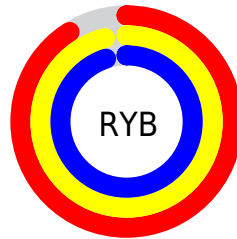
The CIELCh color **96, 7.251, 132.800** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93, 7.310, 313.194**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 7.618, 132.732** is the 20% darker color. If you saturate the color by 10%, you get **94, 21.059, 132.340**, and if you desaturate by 10%, it is **98, 5.240, 318.851**.

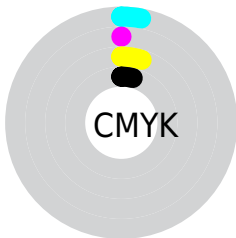
Distribution



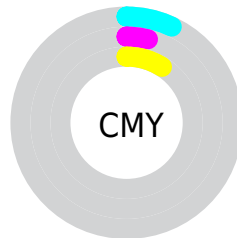
- Red (93%)
- Green (96%)
- Blue (91%)



- Red (91%)
- Yellow (96%)
- Blue (95%)



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



- Cyan (7%)
- Magenta (4%)
- Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 7.251, 132.800 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, 7.251, 132.800 by changing the saturation by 10% instead.

 96, 7.251, 132.800

 96, 7.251, 132.800

 100, 7.251,
132.800

 86, 7.251, 132.800

 76, 7.251, 132.800

 66, 7.251, 132.800


 56, 7.251, 132.800

 46, 7.251, 132.800

 36, 7.251, 132.800

 26, 7.251, 132.800

 16, 7.251, 132.800

 6, 7.251, 132.800

96, 7.251, 132.800

96, 7.251, 132.800

94, 21.059,
132.340

98, 5.240, 318.851

98, 5.574, 324.580

93, 34.853,
131.852

92, 48.490,
131.345

90, 61.762,
130.844

89, 74.373,
130.399

88, 85.910,
130.088

88, 95.827,
130.027

87, 103.525,
130.347

■ 86,108.593,
131.144

Harmonies

Complementary

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



96, 7.251, 132.800



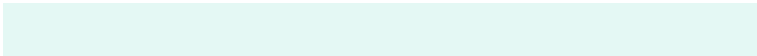
93, 7.310, 313.194

Rectangle

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



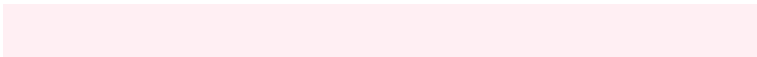
96, 7.251, 132.800



96, 7.251, 182.800



96, 7.251, 312.800



96, 7.251, 2.800

Sweetspot

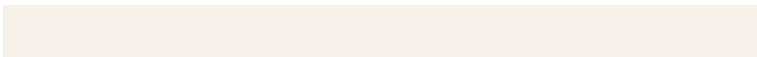
The Sweet Spot groups the original color and five complimentary colors.



96, 7.253, 132.805



100, 2.815, 132.984



95, 4.386, 84.674



53, 1.600, 132.991



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

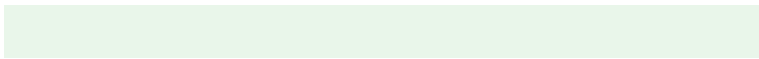
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 7.253, 132.805



99, 8.481, 132.771



96, 7.595, 147.000



51, 5.442, 132.741



67, 89.179, 131.362



21, 37.738, 130.347

Inverse Universe

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



93, 7.310, 313.194



96, 8.550, 313.228



94, 7.617, 327.535



49, 5.488, 313.256



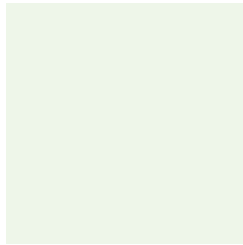
32, 96.115, 314.834



6, 41.652, 315.960

Previews

White Background



This preview shows how the CIELCh color 96, 7.251, 132.800 looks on a white background.

Color Contrast Check

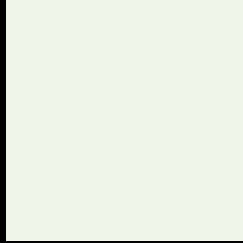
Large Text (above 18pt) WCAG AA × Fail

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, 7.251, 132.800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

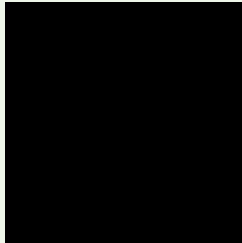
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

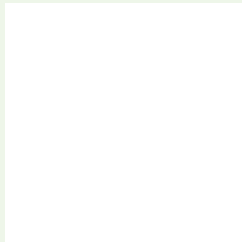
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 7.251, 132.800

Background



This preview shows how black text looks on a background with the CIELCh color 96, 7.251, 132.800.

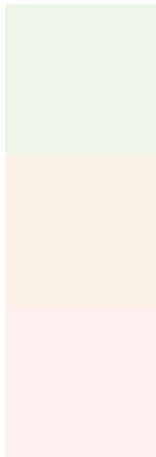


This preview shows how white text looks on a background with the CIELCh color 96, 7.251, 132.800.

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, 7.251, 132.800

Protanopia

96, 6.471, 79.565

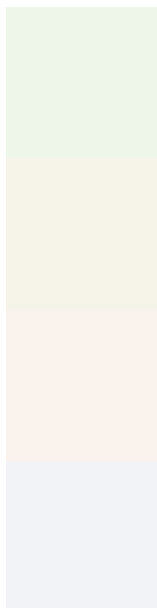
Deuteranopia

96, 5.358, 19.646



Tritanopia
96, 6.688, 293.655

Trichromacy



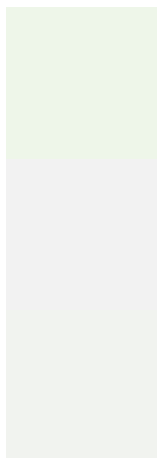
Original Color
96, 7.251, 132.800

Protanomaly
96, 5.709, 98.846

Deuteranomaly
96, 3.555, 65.241

Tritanomaly
96, 2.164, 271.557

Monochromacy



Original Color
96, 7.251, 132.800

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, 7.251, 132.800 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(238, 246, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 246, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 7.251, 132.800 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, 233) }
```

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

```
.border{ border-color:rgb(238, 246, 233) }
```

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, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 246, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 246, 233);  
box-shadow:4px 4px 4px 4px rgb(238, 246,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 7.251, 132.800 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, 233) }
```

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

```
.background{ background-color: rgb(238,  
246, 233) }
```

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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