

Converting Colors

CIELCh(96, 8.641, 136.543)

Have a look what the booklet for
CIELCh(96, 8.641, 136.543) contains.

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Color

CIELCh(96, 8.641, 136.543)

Conversions

Conversions Part 1

Format	Color
Hex	ECF7E8
RGB	236, 247, 232
RGB Percent	93%, 97%, 91%
CMY	0.0753, 0.0322, 0.0910
CMYK	0.04, 0.00, 0.06, 0.03
HSL	104°, 48%, 94%
HSV	104°, 6%, 97%
XYZ	82.2582, 90.0078, 89.2298
YIQ	242.0010, -1.7410, -6.9970

Conversions

Conversions Part 2

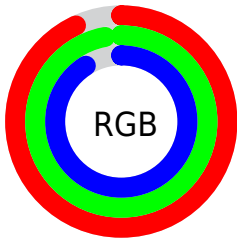
Format	Color
R _Y B	232, 247, 243
Decimal	15529960
CIE Lab	96.00, -6.27, 5.94
CIE LCh	96, 8.641, 136.543
Yxy	90.0078, 0.3146, 0.3442
Android (android.graphics.Color)	4293720040 (0xFFECEF7E8)
YUV	242.0010, -4.9305, -5.2629
Hunter-Lab	94.8724, -11.2601, 10.6471

Details

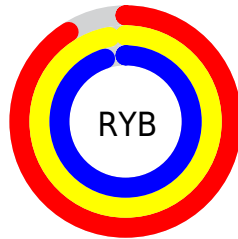
The CIELCh color **96, 8.641, 136.543** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 8.696, 317.015**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 9.078, 136.462** is the 20% darker color. If you saturate the color by 10%, you get **94, 22.972, 136.052**, and if you desaturate by 10%, it is **98, 4.897, 320.832**.

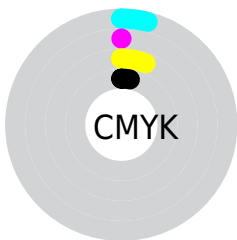
Distribution



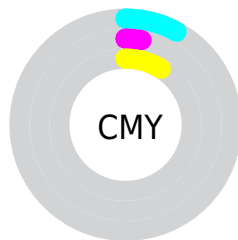
- Red (93%)
- Green (97%)
- Blue (91%)



- Red (91%)
- Yellow (97%)
- Blue (95%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (3%)



- Cyan (8%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 8.641, 136.543 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, 8.641, 136.543 by changing the saturation by 10% instead.

 96, 8.641, 136.543

 96, 8.641, 136.543

 100, 8.641,
136.543

 86, 8.641, 136.543

 76, 8.641, 136.543

 66, 8.641, 136.543

 56, 8.641, 136.543

 46, 8.641, 136.543

 36, 8.641, 136.543

 26, 8.641, 136.543

 16, 8.641, 136.543

 6, 8.641, 136.543

96, 8.641, 136.543

96, 8.641, 136.543

94, 22.972,
136.052

98, 4.897, 320.832

98, 5.106, 324.559

93, 37.302,
135.516

91, 51.460,
134.937

90, 65.203,
134.338

89, 78.196,
133.764

88, 89.984,
133.294

87, 99.983,
133.042

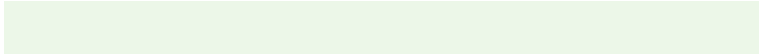
86, 107.572,
133.140

■ 86, 112.352,
133.675

Harmonies

Complementary

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



96, 8.641, 136.543



93, 8.696, 317.015

Rectangle

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



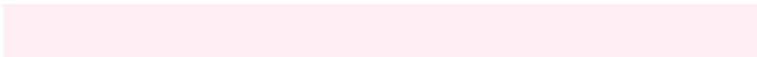
96, 8.641, 136.543



96, 8.641, 186.543



96, 8.641, 316.543



96, 8.641, 6.543

Sweetspot

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



96, 8.643, 136.546



100, 2.906, 136.777



96, 5.786, 95.331



53, 1.652, 136.785



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

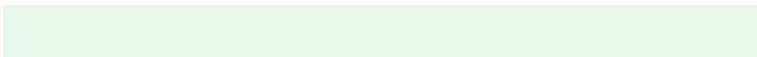
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 8.643, 136.546



99, 10.228, 136.500



96, 7.966, 151.369



51, 6.429, 136.472



66, 91.742, 133.731



21, 38.911, 133.139

Inverse Universe

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



93, 8.696, 317.015



95, 10.292, 317.058



93, 7.996, 332.064



48, 6.471, 317.084



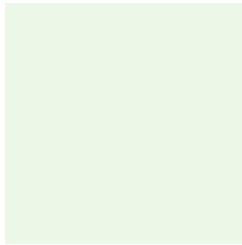
36, 93.965, 318.437



7, 41.478, 319.592

Previews

White Background



This preview shows how the CIELCh color 96, 8.641, 136.543 looks on a white background.

Color Contrast Check

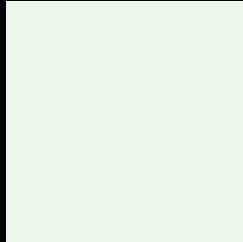
Large Text (above 18pt) WCAG AA × Fail

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, 8.641, 136.543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

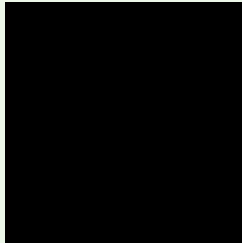
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

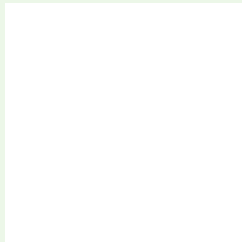
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 8.641, 136.543

Background



This preview shows how black text looks on a background with the CIELCh color 96, 8.641, 136.543.

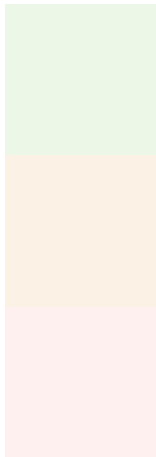


This preview shows how white text looks on a background with the CIELCh color 96, 8.641, 136.543.

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, 8.641, 136.543

Protanopia

96, 7.379, 83.417

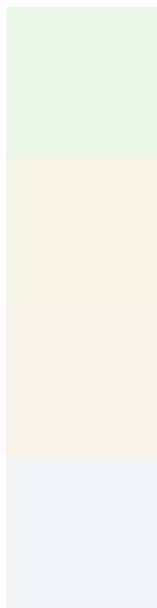
Deuteranopia

96, 5.358, 19.646



Tritanopia
96, 6.161, 287.455

Trichromacy



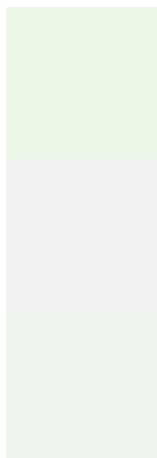
Original Color
96, 8.641, 136.543

Protanomaly
96, 7.151, 106.728

Deuteranomaly
96, 3.314, 69.687

Tritanomaly
96, 2.066, 247.868

Monochromacy



Original Color
96, 8.641, 136.543

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 3.388, 134.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 8.641, 136.543 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(236, 247, 232)` looks like.

```
.text, #text, p{  
    color:rgb(236, 247, 232)  
}
```

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(236, 247, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 247, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 8.641, 136.543 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(236, 247, 232) }
```

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

```
.border{ border-color:rgb(236, 247, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 247, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 247, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 247, 232);  
box-shadow:4px 4px 4px 4px rgb(236, 247,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 8.641, 136.543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 247, 232) }
```

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

```
.background{ background-color: rgb(236,  
247, 232) }
```

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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