

Converting Colors

CIELCh(94, 6.454, 156.285)

Have a look what the booklet for
CIELCh(94, 6.454, 156.285) contains.

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Color

CIELCh(94, 6.202, 157.588)

Conversions

Conversions Part 1

Format	Color
Hex	E4F1E9
RGB	228, 241, 233
RGB Percent	89%, 95%, 91%
CMY	0.1060, 0.0550, 0.0863
CMYK	0.05, 0.00, 0.03, 0.05
HSL	143°, 32%, 92%
HSV	143°, 5%, 95%
XYZ	78.1432, 85.2715, 89.4165
YIQ	236.2010, -5.1800, -5.2440

Conversions

Conversions Part 2

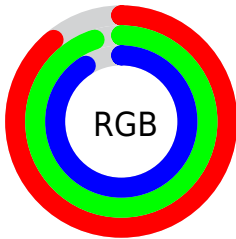
Format	Color
R _Y B	228, 237, 241
Decimal	15004137
CIE Lab	94.00, -5.73, 2.36
CIE LCh	94, 6.202, 157.588
Yxy	85.2715, 0.3091, 0.3373
Android (android.graphics.Color)	4293194217 (0xFFE4F1E9)
YUV	236.2010, -1.5781, -7.1923
Hunter-Lab	92.3426, -10.5472, 7.2285

Details

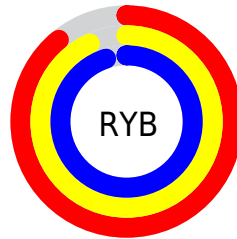
The CIELCh color **94, 6.202, 157.588** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 6.242, 338.249**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 6.252, 155.262** is the 20% darker color. If you saturate the color by 10%, you get **92, 17.770, 156.723**, and if you desaturate by 10%, it is **96, 5.277, 338.160**.

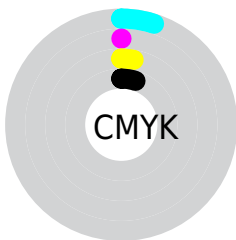
Distribution



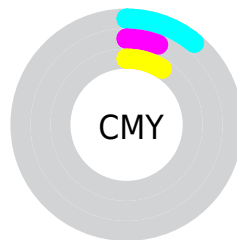
- Red (89%)
- Green (95%)
- Blue (91%)



- Red (89%)
- Yellow (93%)
- Blue (95%)



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



- Cyan (11%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 6.202, 157.588 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 94, 6.202, 157.588 by changing the saturation by 10% instead.

94, 6.202, 157.588

94, 6.202, 157.588

100, 6.202,
157.588

84, 6.202, 157.588

74, 6.202, 157.588

64, 6.202, 157.588

54, 6.202, 157.588

44, 6.202, 157.588

34, 6.202, 157.588

24, 6.202, 157.588

14, 6.202, 157.588

4, 6.202, 157.588

94, 6.202, 157.588

94, 6.202, 157.588

92, 17.770,
156.723

96, 5.277, 338.160

97, 8.734, 324.710

90, 29.290,
155.788

89, 40.598,
154.728

87, 51.503,
153.516

86, 61.795,
152.129

85, 71.270,
150.545

85, 79.754,
148.755

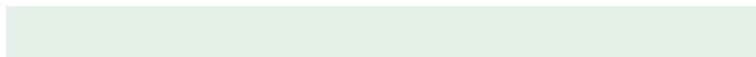
84, 87.135,
146.770

■ 84, 93.391,
144.634

Harmonies

Complementary

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



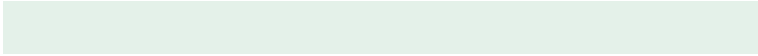
94, 6.202, 157.588



92, 6.242, 338.249

Rectangle

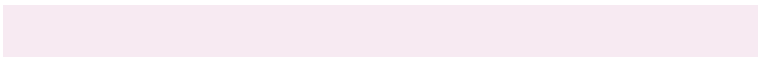
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



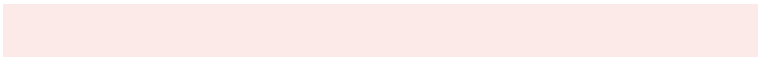
94, 6.202, 157.588



94, 6.202, 207.588



94, 6.202, 337.588



94, 6.202, 27.588

Sweetspot

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



94, 6.204, 157.583



100, 2.398, 157.953



94, 6.913, 124.637



53, 1.363, 157.970



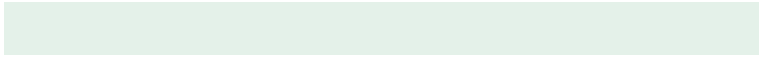
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

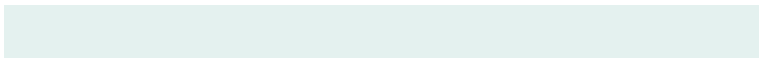
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 6.204, 157.583



99, 7.226, 157.528



94, 4.619, 189.500



50, 4.557, 157.475



65, 77.569, 144.060



20, 31.300, 147.698

Inverse Universe

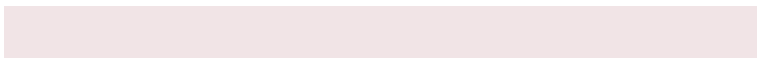
The Inverse Universe completely reimagines the original color for something new.



92, 6.242, 338.249



96, 7.271, 338.303



92, 4.747, 10.123



48, 4.587, 338.355



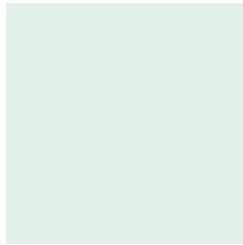
40, 68.777, 351.561



9, 30.894, 347.231

Previews

White Background



This preview shows how the CIELCh color 94, 6.202, 157.588 looks on a white background.

Color Contrast Check

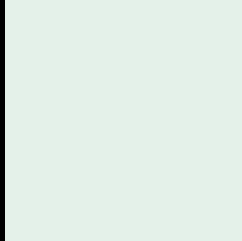
Large Text (above 18pt) WCAG AA × Fail

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 94, 6.202, 157.588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

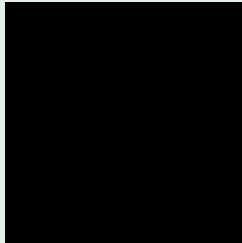
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

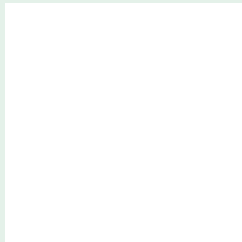
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 6.202, 157.588

Background



This preview shows how black text looks on a background with the CIELCh color 94, 6.202, 157.588.

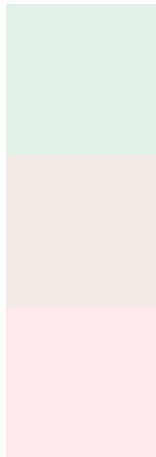


This preview shows how white text looks on a background with the CIELCh color 94, 6.202, 157.588.

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

94, 6.202, 157.588

Protanopia

94, 3.957, 70.402

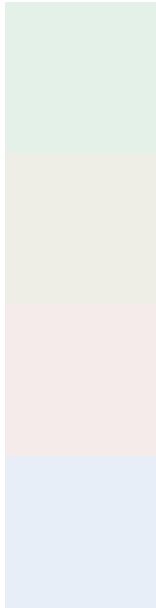
Deuteranopia

94, 8.528, 6.024



Tritanopia
94, 9.400, 280.460

Trichromacy



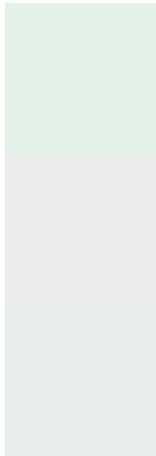
Original Color
94, 6.202, 157.588

Protanomaly
94, 3.586, 109.875

Deuteranomaly
94, 3.574, 19.474

Tritanomaly
94, 5.194, 262.793

Monochromacy



Original Color
94, 6.202, 157.588

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 2.355, 158.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 6.202, 157.588 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(228, 241, 233)` looks like.

```
.text, #text, p{  
    color:rgb(228, 241, 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(228, 241, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 241, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 6.202, 157.588 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(228, 241, 233) }
```

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

```
.border{ border-color:rgb(228, 241, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 241, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 241, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 241, 233);  
box-shadow:4px 4px 4px 4px rgb(228, 241,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 6.202, 157.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 241, 233) }
```

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

```
.background{ background-color: rgb(228,  
241, 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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