

Converting Colors

CIELCh(95, 4.515, 202.569)

Have a look what the booklet for
CIELCh(95, 4.515, 202.569) contains.

CIELCh(95, 4.534, 205.767)	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(95, 4.534, 205.767)

Conversions

Conversions Part 1

Format	Color
Hex	E6F3F4
RGB	230, 243, 244
RGB Percent	90%, 95%, 96%
CMY	0.0973, 0.0463, 0.0424
CMYK	0.06, 0.00, 0.00, 0.04
HSL	184°, 39%, 93%
HSV	184°, 6%, 96%
XYZ	81.1646, 87.6183, 98.3795
YIQ	239.2270, -8.0690, -2.4450

Conversions

Conversions Part 2

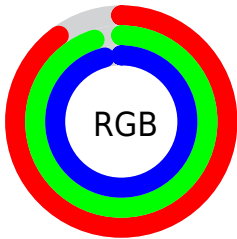
Format	Color
R _Y B	230, 237, 244
Decimal	15135732
CIE Lab	95.00, -4.08, -1.97
CIE LCh	95, 4.534, 205.767
Yxy	87.6183, 0.3038, 0.3280
Android (android.graphics.Color)	4293325812 (0xFFE6F3F4)
YUV	239.2270, 2.3531, -8.0921
Hunter-Lab	93.6047, -9.0308, 3.2088

Details

The CIELCh color `95, 4.534, 205.767` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `93, 4.705, 25.844`, 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 `75, 4.742, 205.692` is the 20% darker color. If you saturate the color by 10%, you get `93, 12.108, 205.402`, and if you desaturate by 10%, it is `97, 3.449, 25.725`.

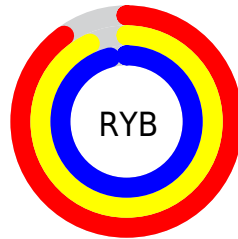
Distribution



Red (90%)

Green (95%)

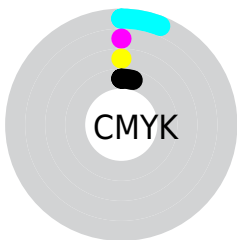
Blue (96%)



Red (90%)

Yellow (93%)

Blue (96%)

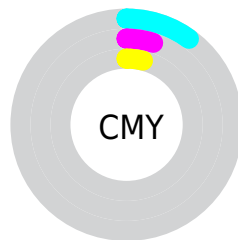


Cyan (6%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (10%)

Magenta (5%)

Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 4.534, 205.767 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 95, 4.534, 205.767 by changing the saturation by 10% instead.

 95, 4.534, 205.767

 95, 4.534, 205.767

 100, 4.534,
205.767

 85, 4.534, 205.767

 75, 4.534, 205.767

 65, 4.534, 205.767

 55, 4.534, 205.767

 45, 4.534, 205.767

 35, 4.534, 205.767

 25, 4.534, 205.767

 15, 4.534, 205.767

 5, 4.534, 205.767

95, 4.534, 205.767

95, 4.534, 205.767

93, 12.108,
205.402

97, 3.449, 25.725

91, 19.147,
205.216

98, 3.198, 42.604

89, 25.522,
205.145

98, 3.151, 62.136

88, 31.100,
205.204

99, 4.040, 94.017

86, 35.760,
205.416

99, 4.794, 103.978

100, 5.465,
109.755

85, 39.411,
205.807

84, 42.006,
206.402

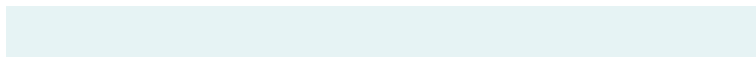
83, 43.563,
207.226

■ 83, 44.183,
208.293

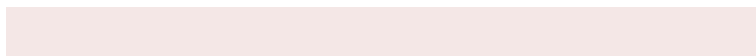
Harmonies

Complementary

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



95, 4.534, 205.767



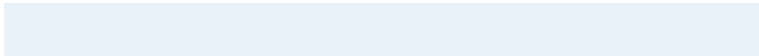
93, 4.705, 25.844

Rectangle

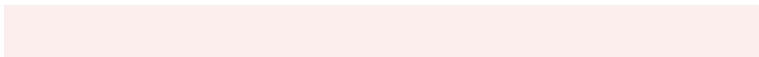
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



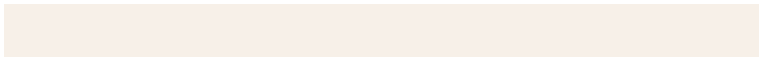
95, 4.534, 205.767



95, 4.534, 255.767



95, 4.534, 25.767



95, 4.534, 75.767

Sweetspot

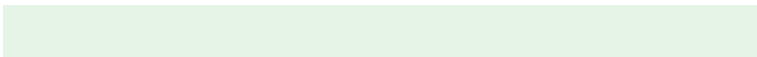
The Sweet Spot groups the original color and five complimentary colors.



95, 4.535, 205.740



100, 1.653, 206.113



95, 8.387, 145.985



53, 0.940, 206.137



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

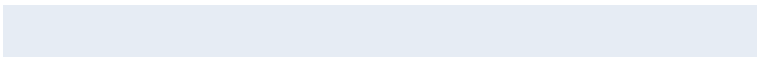
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 4.535, 205.740



98, 5.716, 205.679



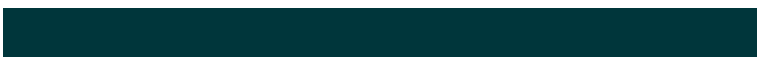
93, 4.574, 263.105



50, 3.586, 205.654



64, 36.155, 208.574



20, 16.237, 206.820

Inverse Universe

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



93, 8.382, 326.704



96, 10.606, 326.784



94, 4.596, 81.473



49, 6.667, 326.819



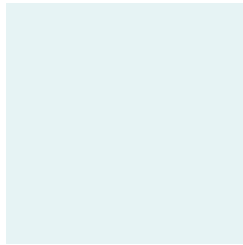
43, 86.273, 331.284



10, 38.642, 330.853

Previews

White Background



This preview shows how the CIELCh color 95, 4.534, 205.767 looks on a white background.

Color Contrast Check

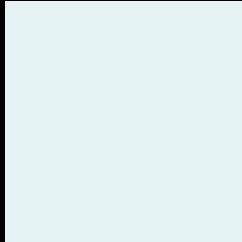
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 95, 4.534, 205.767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

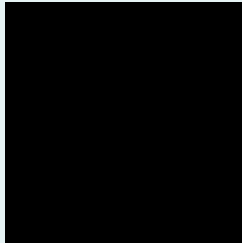
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

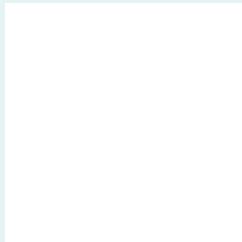
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 4.534, 205.767

Background



This preview shows how black text looks on a background with the CIELCh color 95, 4.534, 205.767.

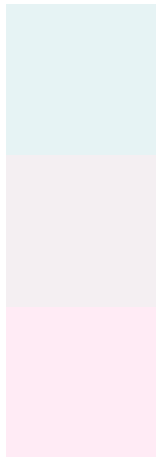


This preview shows how white text looks on a background with the CIELCh color 95, 4.534, 205.767.

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

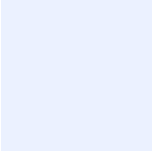
95, 4.534, 205.767

Protanopia

95, 2.364, 338.603

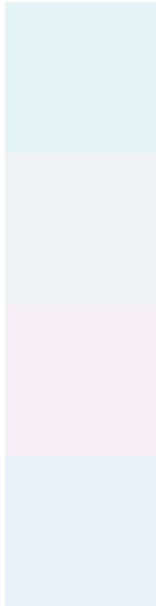
Deuteranopia

95, 8.787, 344.253



Tritanopia
95, 7.445, 274.736

Trichromacy



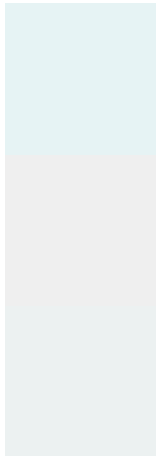
Original Color
95, 4.534, 205.767

Protanomaly
95, 1.243, 255.962

Deuteranomaly
95, 4.601, 328.162

Tritanomaly
95, 5.518, 256.420

Monochromacy



Original Color
95, 4.534, 205.767

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 1.754, 199.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 4.534, 205.767 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(230, 243, 244)` looks like.

```
.text, #text, p{  
    color:rgb(230, 243, 244)  
}
```

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(230, 243, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 243, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 4.534, 205.767 is called "border". The border property can be set on classes, ids or directly on the HTML element.

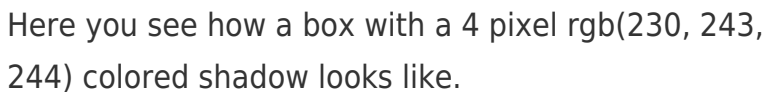
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(230, 243, 244) }
```

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

```
.border{ border-color:rgb(230, 243, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(230, 243, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 243, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 243, 244); box-shadow:4px 4px 4px 4px rgb(230, 243, 244) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 4.534, 205.767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 243, 244) }
```

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

```
.background{ background-color: rgb(230,  
243, 244) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor