

Converting Colors

CIELCh(95, 4.816, 180.571)

Have a look what the booklet for
CIELCh(95, 4.816, 180.571) contains.

CIELCh(95, 4.820, 180.569)	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, 4.820, 180.569)

Conversions

Conversions Part 1

Format	Color
Hex	E6F3F0
RGB	230, 243, 240
RGB Percent	90%, 95%, 94%
CMY	0.0961, 0.0451, 0.0569
CMYK	0.05, 0.00, 0.01, 0.05
HSL	166°, 36%, 93%
HSV	166°, 5%, 95%
XYZ	80.7871, 87.6183, 95.4731
YIQ	238.7710, -6.7850, -3.6890

Conversions

Conversions Part 2

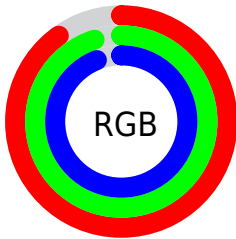
Format	Color
R _{YB}	230, 237, 243
Decimal	15135728
CIE Lab	95.00, -4.82, -0.05
CIE LCh	95, 4.820, 180.569
Yxy	87.6183, 0.3062, 0.3320
Android (android.graphics.Color)	4293325808 (0xFFE6F3F0)
YUV	238.7710, 0.6059, -7.6922
Hunter-Lab	93.6047, -9.7507, 5.0498

Details

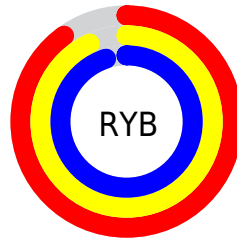
The CIELCh color **95, 4.820, 180.569** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 4.921, 1.295**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 5.056, 180.406** is the 20% darker color. If you saturate the color by 10%, you get **93, 13.692, 179.533**, and if you desaturate by 10%, it is **97, 4.245, 1.188**.

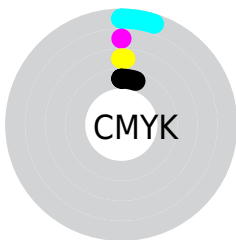
Distribution



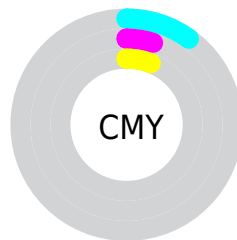
- Red (90%)
- Green (95%)
- Blue (94%)



- Red (90%)
- Yellow (93%)
- Blue (95%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)



- Cyan (10%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 4.820, 180.569 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, 4.820, 180.569 by changing the saturation by 10% instead.

95, 4.820, 180.569

95, 4.820, 180.569

100, 4.820,
180.569

85, 4.820, 180.569

75, 4.820, 180.569

65, 4.820, 180.569

55, 4.820, 180.569

45, 4.820, 180.569

35, 4.820, 180.569

25, 4.820, 180.569

15, 4.820, 180.569

5, 4.820, 180.569

95, 4.820, 180.569

95, 4.820, 180.569

93, 13.692,
179.533

97, 4.245, 1.188

92, 22.238,
178.517

97, 5.873, 333.857

97, 7.166, 324.648

90, 30.313,
177.438

89, 37.763,
176.275

88, 44.437,
175.003

87, 50.209,
173.600

87, 54.996,
172.039

86, 58.785,
170.300

■ 86, 61.653,
168.375

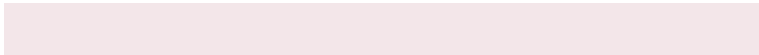
Harmonies

Complementary

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



95, 4.820, 180.569



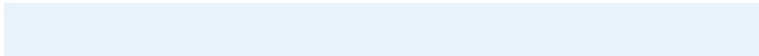
93, 4.921, 1.295

Rectangle

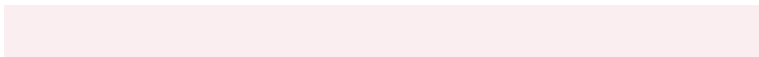
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



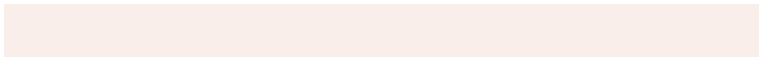
95, 4.820, 180.569



95, 4.820, 230.569



95, 4.820, 0.569



95, 4.820, 50.569

Sweetspot

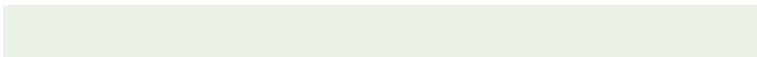
The Sweet Spot groups the original color and five complimentary colors.



95, 4.822, 180.552



100, 1.876, 181.055



95, 7.583, 137.601



53, 1.067, 181.080



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

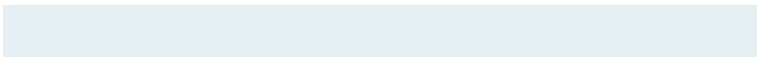
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 4.822, 180.552



99, 5.619, 180.477



94, 3.741, 227.913



51, 3.602, 180.409



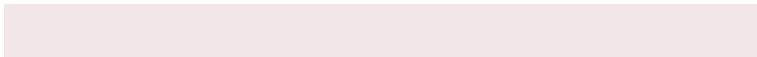
67, 51.073, 167.809



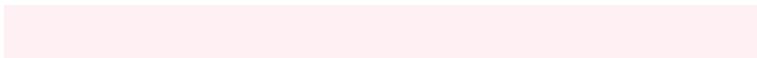
21, 21.837, 170.786

Inverse Universe

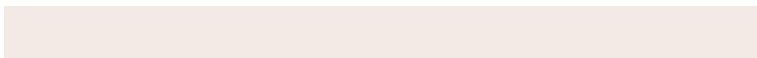
The Inverse Universe completely reimagines the original color for something new.



93, 4.921, 1.295



96, 5.747, 1.374



93, 3.850, 47.017



49, 3.692, 1.445



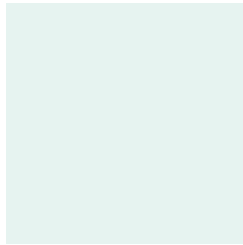
39, 71.941, 27.067



9, 29.882, 15.193

Previews

White Background



This preview shows how the CIE LCh color 95, 4.820, 180.569 looks on a white background.

Color Contrast Check

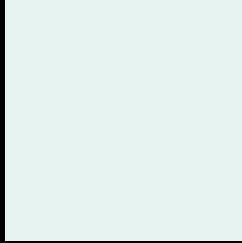
Large Text (above 18pt) WCAG AA × Fail

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 95, 4.820, 180.569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

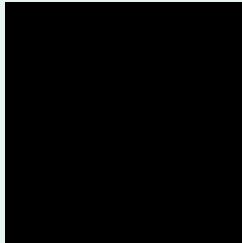
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

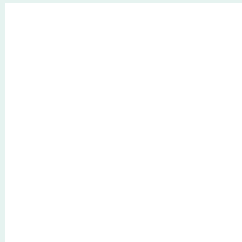
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 4.820, 180.569

Background



This preview shows how black text looks on a background with the CIELCh color 95, 4.820, 180.569.

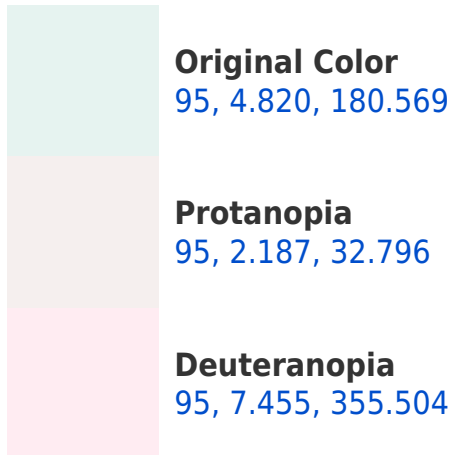


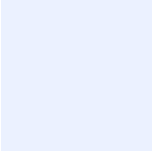
This preview shows how white text looks on a background with the CIELCh color 95, 4.820, 180.569.

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](#).

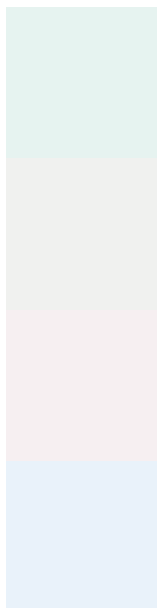
Dichromacy





Tritanopia
95, 7.445, 274.736

Trichromacy



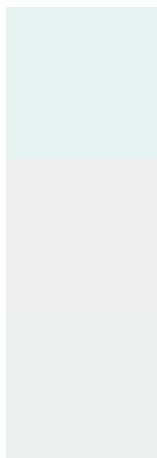
Original Color
95, 4.820, 180.569

Protanomaly
95, 1.078, 129.159

Deuteranomaly
95, 2.698, 357.012

Tritanomaly
95, 5.105, 253.103

Monochromacy



Original Color
95, 4.820, 180.569

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 1.834, 183.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 4.820, 180.569 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(230, 243, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 243, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 4.820, 180.569 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, 240) }
```

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

```
.border{ border-color:rgb(230, 243, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 243, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 243, 240);  
box-shadow:4px 4px 4px 4px rgb(230, 243,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 4.820, 180.569 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, 240) }
```

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

```
.background{ background-color: rgb(230,  
243, 240) }
```

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