

Converting Colors

CIELCh(95, 1.159, 173.703)

Have a look what the booklet for
CIELCh(95, 1.159, 173.703) contains.

CIELCh(95, 1.175, 174.035)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(95, 1.175, 174.035)

Conversions

Conversions Part 1

Format	Color
Hex	EEF1F0
RGB	238, 241, 240
RGB Percent	93%, 95%, 94%
CMY	0.0655, 0.0537, 0.0577
CMYK	0.01, 0.00, 0.00, 0.05
HSL	160°, 10%, 94%
HSV	160°, 1%, 95%
XYZ	82.6698, 87.6183, 95.2190
YIQ	239.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

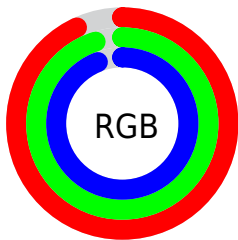
Format	Color
R _Y B	238, 240, 241
Decimal	15659504
CIE Lab	95.00, -1.17, 0.12
CIE LCh	95, 1.175, 174.035
Yxy	87.6183, 0.3114, 0.3300
Android (android.graphics.Color)	4293849584 (0xFFEEF1F0)
YUV	239.9890, 0.0054, -1.7444
Hunter-Lab	93.6047, -6.1604, 5.2107

Details

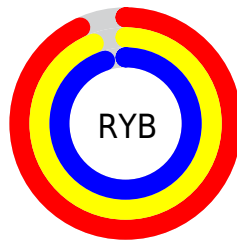
The CIELCh color **95, 1.175, 174.035** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94, 1.193, 353.297**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 1.236, 173.903** is the 20% darker color. If you saturate the color by 10%, you get **93, 10.632, 172.637**, and if you desaturate by 10%, it is **96, 6.066, 343.202**.

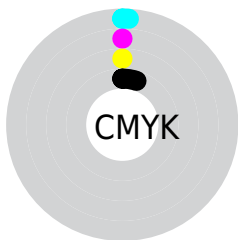
Distribution



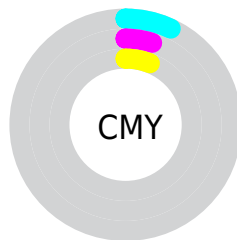
- Red (93%)
- Green (95%)
- Blue (94%)



- Red (93%)
- Yellow (94%)
- Blue (95%)



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



- Cyan (7%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 1.175, 174.035 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, 1.175, 174.035 by changing the saturation by 10% instead.

■ 95, 1.175, 174.035

■ 95, 1.175, 174.035

■ 100, 1.175,
174.035

■ 85, 1.175, 174.035

■ 75, 1.175, 174.035

■ 65, 1.175, 174.035

■ 55, 1.175, 174.035

■ 45, 1.175, 174.035

■ 35, 1.175, 174.035

■ 25, 1.175, 174.035

■ 15, 1.175, 174.035

■ 5, 1.175, 174.035

95, 1.175, 174.035

95, 1.175, 174.035

93, 10.632,
172.637

96, 6.066, 343.202

97, 8.540, 324.703

91, 19.912,
171.606

90, 28.881,
170.500

89, 37.381,
169.288

88, 45.251,
167.946

87, 52.340,
166.447

86, 58.529,
164.765

85, 63.755,
162.881

■ 85, 68.043,
160.789

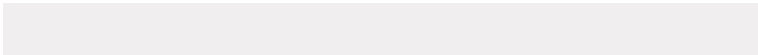
Harmonies

Complementary

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



95, 1.175, 174.035



94, 1.193, 353.297

Rectangle

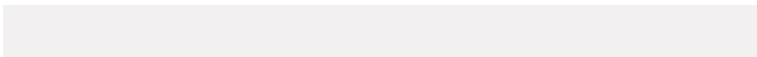
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



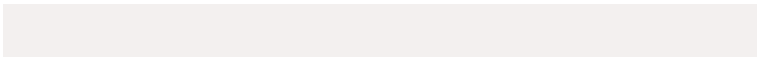
95, 1.175, 174.035



95, 1.175, 224.035



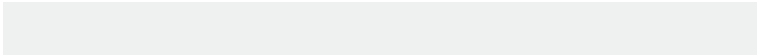
95, 1.175, 354.035



95, 1.175, 44.035

Sweetspot

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



95, 1.177, 173.975

100, 0.012, 296.813



95, 1.686, 134.192



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



95, 1.177, 173.975



100, 0.988, 174.107



95, 0.925, 214.535



50, 0.534, 174.146



66, 57.588, 159.255



20, 23.721, 162.850

Inverse Universe

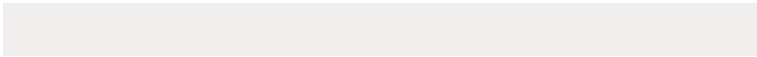
The Inverse Universe completely reimagines the original color for something new.



94, 1.193, 353.297



99, 1.003, 353.168



95, 0.930, 33.168



50, 0.542, 353.130



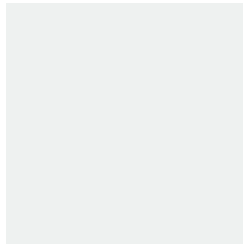
39, 67.499, 17.933



8, 28.756, 8.135

Previews

White Background



This preview shows how the CIE LCh color 95, 1.175, 174.035 looks on a white background.

Color Contrast Check

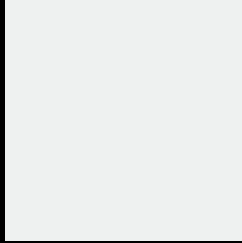
Large Text (above 18pt) WCAG AA × Fail

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, 1.175, 174.035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

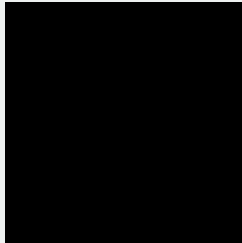
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

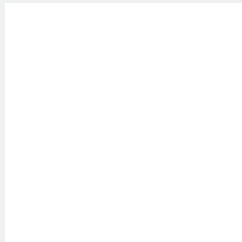
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 1.175, 174.035

Background



This preview shows how black text looks on a background with the CIELCh color 95, 1.175, 174.035.

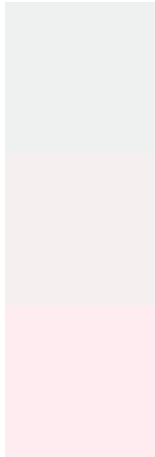


This preview shows how white text looks on a background with the CIELCh color 95, 1.175, 174.035.

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, 1.175, 174.035

Protanopia

95, 2.131, 19.252

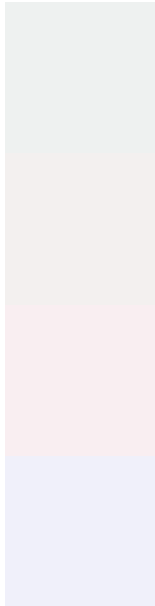
Deuteranopia

95, 7.263, 359.192



Tritanopia
95, 8.269, 295.594

Trichromacy



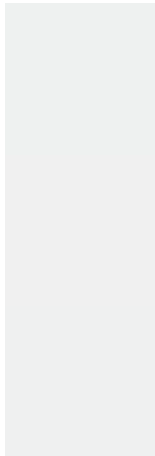
Original Color
95, 1.175, 174.035

Protanomaly
95, 1.171, 44.824

Deuteranomaly
95, 4.215, 358.154

Tritanomaly
95, 5.144, 290.589

Monochromacy



Original Color
95, 1.175, 174.035

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 0.351, 201.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 1.175, 174.035 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, 241, 240)` looks like.

```
.text, #text, p{  
    color:rgb(238, 241, 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(238, 241, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 241, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 1.175, 174.035 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, 241, 240) }
```

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

```
.border{ border-color:rgb(238, 241, 240) }
```

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

Here you see how a box with a 4 pixel rgb(238, 241, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 241, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 241, 240);  
box-shadow:4px 4px 4px 4px rgb(238, 241,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 1.175, 174.035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 241, 240) }
```

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

```
.background{ background-color: rgb(238,  
241, 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](#).

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