

Converting Colors

CIE LCh(95, 3.570, 191.276)

Have a look what the booklet for
CIELCh(95, 3.570, 191.276) contains.

CIELCh(95, 3.538, 191.005)	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, 3.538, 191.005)

Conversions

Conversions Part 1

Format	Color
Hex	E9F3F2
RGB	233, 243, 242
RGB Percent	91%, 95%, 95%
CMY	0.0873, 0.0481, 0.0520
CMYK	0.04, 0.00, 0.00, 0.05
HSL	174°, 29%, 93%
HSV	174°, 4%, 95%
XYZ	81.4782, 87.6183, 96.4151
YIQ	239.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

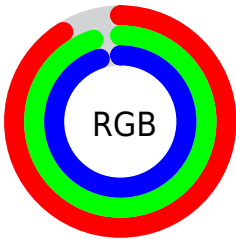
Format	Color
R_{YB}	233, 238, 243
Decimal	15332338
CIE Lab	95.00, -3.47, -0.68
CIE LCh	95, 3.538, 191.005
Yxy	87.6183, 0.3069, 0.3300
Android (android.graphics.Color)	4293522418 (0xFFE9F3F2)
YUV	239.8960, 1.0373, -6.0478
Hunter-Lab	93.6047, -8.4327, 4.4531

Details

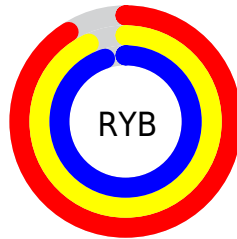
The CIELCh color **95, 3.538, 191.005** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93, 3.619, 11.283**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 3.709, 190.878** is the 20% darker color. If you saturate the color by 10%, you get **93, 11.903, 190.074**, and if you desaturate by 10%, it is **97, 4.419, 10.045**.

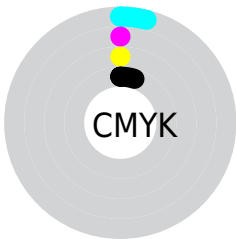
Distribution



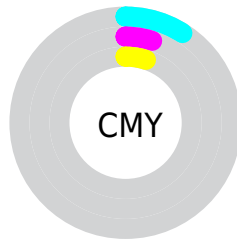
- Red (91%)
- Green (95%)
- Blue (95%)



- Red (91%)
- Yellow (93%)
- Blue (95%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (9%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 3.538, 191.005 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, 3.538, 191.005 by changing the saturation by 10% instead.



95, 3.538, 191.005

95, 3.538, 191.005

93, 11.903,
190.074

97, 4.419, 10.045

92, 19.828,
189.263

97, 4.784, 355.221

90, 27.173,
188.450

97, 5.419, 343.195

89, 33.791,
187.620

97, 6.242, 334.027

88, 39.544,
186.761

97, 7.188, 327.151

88, 44.321,
185.858

97, 7.637, 324.667

87, 48.055,
184.895

87, 50.743,
183.852

■ 87, 52.463,
182.713

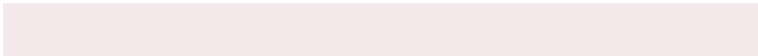
Harmonies

Complementary

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



95, 3.538, 191.005



93, 3.619, 11.283

Rectangle

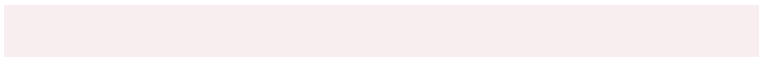
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



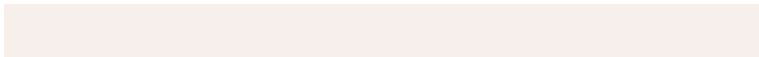
95, 3.538, 191.005



95, 3.538, 241.005



95, 3.538, 11.005



95, 3.538, 61.005

Sweetspot

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



95, 3.540, 190.976



100, 0.896, 191.760



95, 6.038, 141.085



53, 0.509, 191.801



0, 0.000, 0.000



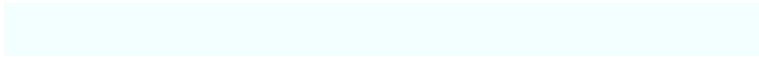
53, 0.007, 296.813

Same Dimension

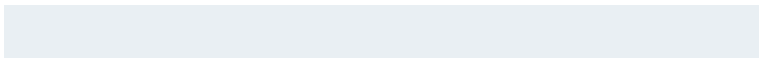
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 3.540, 190.976



99, 4.464, 190.876



94, 2.900, 242.467



51, 2.942, 190.806



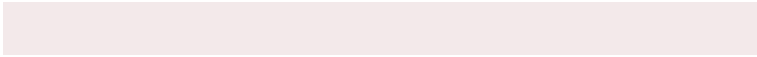
68, 43.473, 182.221



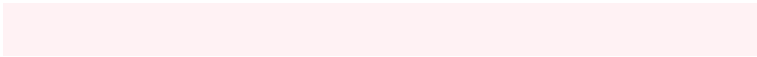
21, 19.047, 183.940

Inverse Universe

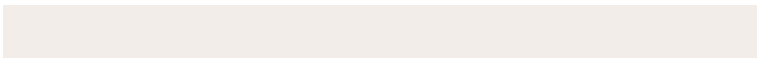
The Inverse Universe completely reimagines the original color for something new.



93, 3.619, 11.283



97, 4.583, 11.389



94, 2.939, 61.290



49, 3.031, 11.464



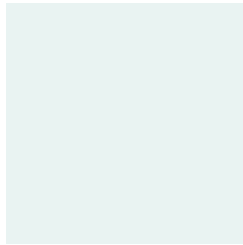
39, 78.288, 35.851



8, 30.436, 20.948

Previews

White Background



This preview shows how the CIE LCh color 95, 3.538, 191.005 looks on a white background.

Color Contrast Check

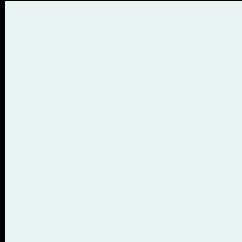
Large Text (above 18pt) WCAG AA × Fail

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, 3.538, 191.005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

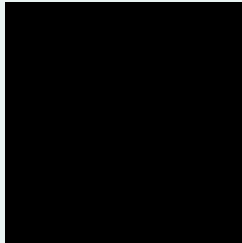
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

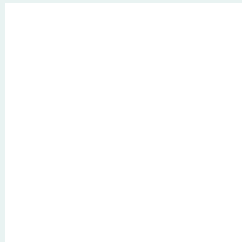
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 3.538, 191.005

Background



This preview shows how black text looks on a background with the CIELCh color 95, 3.538, 191.005.

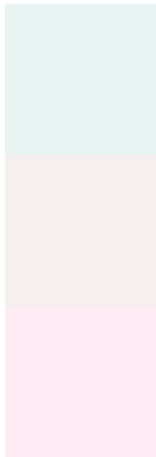


This preview shows how white text looks on a background with the CIELCh color 95, 3.538, 191.005.

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

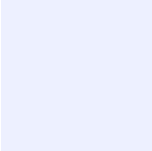
95, 3.538, 191.005

Protanopia

95, 2.197, 5.766

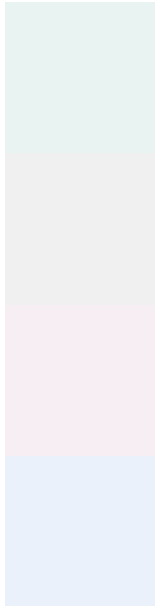
Deuteranopia

95, 8.239, 350.064



Tritanopia
95, 7.763, 283.171

Trichromacy



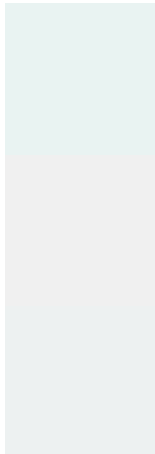
Original Color
95, 3.538, 191.005

Protanomaly
95, 0.636, 323.999

Deuteranomaly
95, 4.115, 340.949

Tritanomaly
95, 5.038, 266.273

Monochromacy



Original Color
95, 3.538, 191.005

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 1.404, 199.765

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 3.538, 191.005 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(233, 243, 242)` looks like.

```
.text, #text, p{  
    color:rgb(233, 243, 242)  
}
```

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(233, 243, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 243, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 3.538, 191.005 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(233, 243, 242) }
```

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

```
.border{ border-color:rgb(233, 243, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 243, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 243, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 243, 242);  
box-shadow:4px 4px 4px 4px rgb(233, 243,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 3.538, 191.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 243, 242) }
```

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

```
.background{ background-color: rgb(233,  
243, 242) }
```

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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