

Converting Colors

CIELCh(95, 2.953, 155.748)

Have a look what the booklet for
CIELCh(95, 2.953, 155.748) contains.

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Color

CIELCh(95, 2.960, 155.628)

Conversions

Conversions Part 1

Format	Color
Hex	ECF2EE
RGB	236, 242, 238
RGB Percent	93%, 95%, 93%
CMY	0.0740, 0.0504, 0.0661
CMYK	0.02, 0.00, 0.02, 0.05
HSL	140°, 19%, 94%
HSV	140°, 2%, 95%
XYZ	81.8786, 87.6183, 93.5864
YIQ	239.7500, -2.2920, -2.5160

Conversions

Conversions Part 2

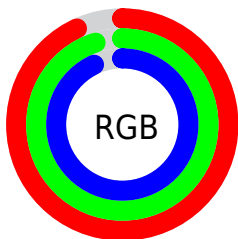
Format	Color
R_{YB}	236, 241, 242
Decimal	15528686
CIE _{Lab}	95.00, -2.70, 1.22
CIE _{LCh}	95, 2.960, 155.628
Y _{xy}	87.6183, 0.3112, 0.3330
Android (android.graphics.Color)	4293718766 (0xFFECEF2EE)
Y _{UV}	239.7500, -0.8628, -3.2887
Hunter-Lab	93.6047, -7.6692, 6.2448

Details

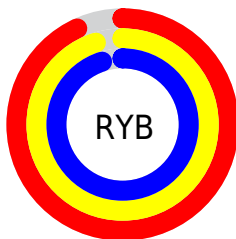
The CIELCh color **95, 2.960, 155.628** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94, 2.983, 335.695**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 3.113, 155.549** is the 20% darker color. If you saturate the color by 10%, you get **93, 15.017, 154.755**, and if you desaturate by 10%, it is **97, 7.715, 326.221**.

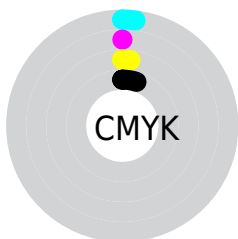
Distribution



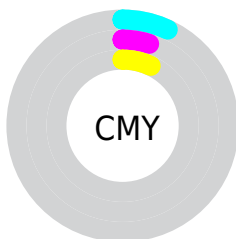
- Red (93%)
- Green (95%)
- Blue (93%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 2.960, 155.628 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, 2.960, 155.628 by changing the saturation by 10% instead.

95, 2.960, 155.628

95, 2.960, 155.628

100, 2.960,
155.628

85, 2.960, 155.628

75, 2.960, 155.628

65, 2.960, 155.628

55, 2.960, 155.628

45, 2.960, 155.628

35, 2.960, 155.628

25, 2.960, 155.628

15, 2.960, 155.628

5, 2.960, 155.628

95, 2.960, 155.628

95, 2.960, 155.628

93, 15.017,
154.755

97, 7.715, 326.221

91, 27.089,
153.882

97, 8.015, 324.682

89, 39.016,
152.889


88, 50.603,
151.750

87, 61.629,
150.441

86, 71.866,
148.944

85, 81.104,
147.250

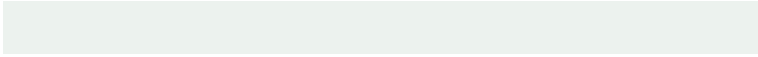
85, 89.182,
145.371

 84, 96.011,
143.351

Harmonies

Complementary

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



95, 2.960, 155.628



94, 2.983, 335.695

Rectangle

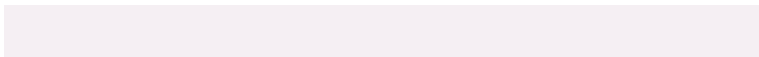
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



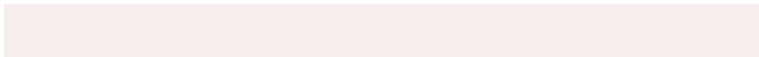
95, 2.960, 155.628



95, 2.960, 205.628



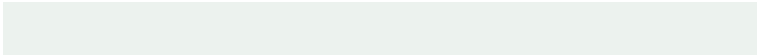
95, 2.960, 335.628



95, 2.960, 25.628

Sweetspot

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



95, 2.962, 155.619



100, 1.239, 155.925



95, 3.146, 122.310



53, 0.704, 155.946



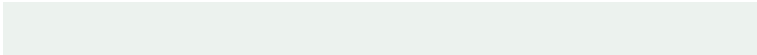
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

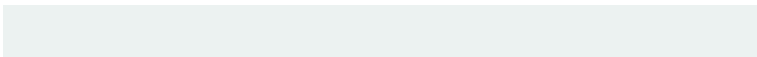
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 2.962, 155.619



99, 3.741, 155.557



95, 2.186, 184.585



50, 2.698, 155.478



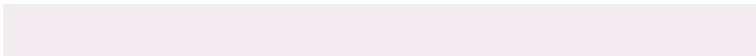
65, 80.856, 142.214



20, 32.648, 145.723

Inverse Universe

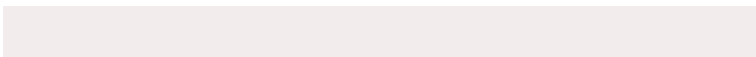
The Inverse Universe completely reimagines the original color for something new.



94, 2.983, 335.695



98, 3.764, 335.756



94, 2.216, 4.483



49, 2.713, 335.833



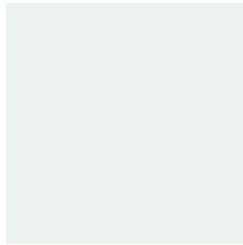
41, 70.687, 347.387



9, 31.757, 343.917

Previews

White Background



This preview shows how the CIELCh color 95, 2.960, 155.628 looks on a white background.

Color Contrast Check

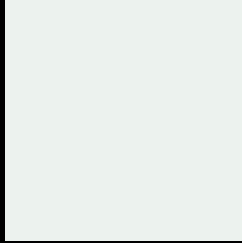
Large Text (above 18pt) WCAG AA × Fail

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, 2.960, 155.628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

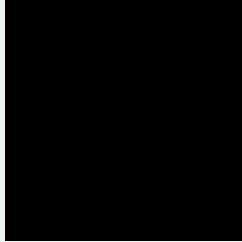
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

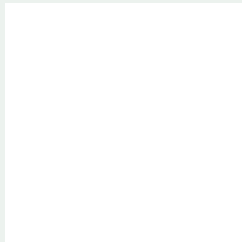
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 2.960, 155.628

Background



This preview shows how black text looks on a background with the CIELCh color 95, 2.960, 155.628.

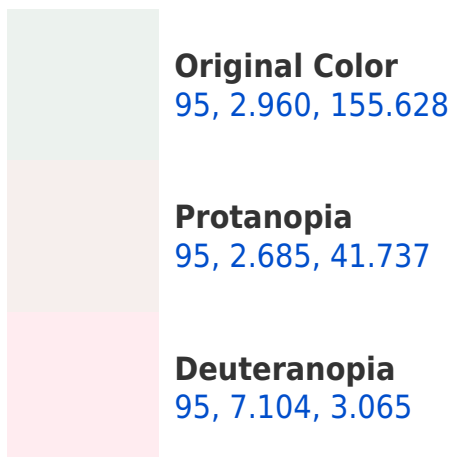


This preview shows how white text looks on a background with the CIELCh color 95, 2.960, 155.628.

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](#).

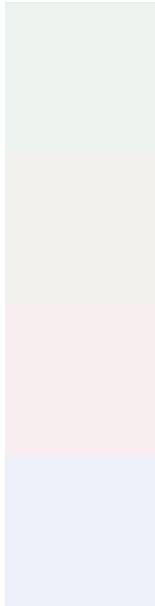
Dichromacy





Tritanopia
95, 8.231, 290.823

Trichromacy



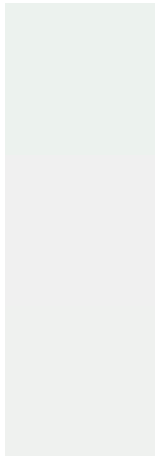
Original Color
95, 2.960, 155.628

Protanomaly
95, 1.678, 84.961

Deuteranomaly
95, 3.602, 11.300

Tritanomaly
95, 4.672, 282.015

Monochromacy



Original Color
95, 2.960, 155.628

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 1.243, 144.634

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 2.960, 155.628 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(236, 242, 238)` looks like.

```
.text, #text, p{  
    color:rgb(236, 242, 238)  
}
```

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(236, 242, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 242, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 2.960, 155.628 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(236, 242, 238) }
```

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

```
.border{ border-color:rgb(236, 242, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 242, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 242, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 242, 238);  
box-shadow:4px 4px 4px 4px rgb(236, 242,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 2.960, 155.628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 242, 238) }
```

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

```
.background{ background-color: rgb(236,  
242, 238) }
```

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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