

Converting Colors

CIELCh(95, 6.583, 151.068)

Have a look what the booklet for
CIELCh(95, 6.583, 151.068) contains.

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Color

CIELCh(95, 6.693, 149.138)

Conversions

Conversions Part 1

Format	Color
Hex	E8F4EA
RGB	232, 244, 234
RGB Percent	91%, 96%, 92%
CMY	0.0910, 0.0440, 0.0832
CMYK	0.05, 0.00, 0.04, 0.04
HSL	130°, 35%, 93%
HSV	130°, 5%, 96%
XYZ	80.3144, 87.6183, 90.3586
YIQ	239.2720, -3.9420, -5.6540

Conversions

Conversions Part 2

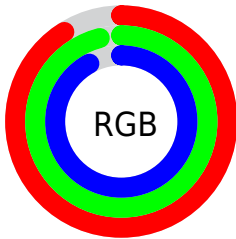
Format	Color
R_{YB}	232, 242, 244
Decimal	15267050
CIE _{Lab}	95.00, -5.75, 3.43
CIE _{LCh}	95, 6.693, 149.138
Yxy	87.6183, 0.3109, 0.3392
Android (android.graphics.Color)	4293457130 (0xFFE8F4EA)
YUV	239.2720, -2.5991, -6.3775
Hunter-Lab	93.6047, -10.6521, 8.2894

Details

The CIELCh color **95, 6.693, 149.138** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93, 6.719, 329.636**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 7.038, 149.038** is the 20% darker color. If you saturate the color by 10%, you get **93, 20.431, 148.407**, and if you desaturate by 10%, it is **97, 6.611, 326.877**.

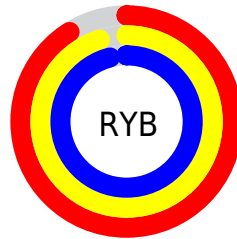
Distribution



Red (91%)

Green (96%)

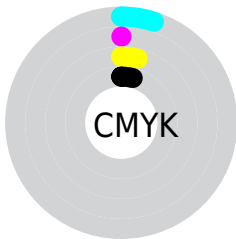
Blue (92%)



Red (91%)

Yellow (95%)

Blue (96%)

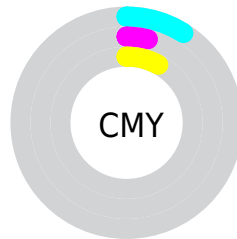


Cyan (5%)

Magenta (0%)

Yellow (4%)

Black (4%)



Cyan (9%)

Magenta (4%)

Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 6.693, 149.138 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, 6.693, 149.138 by changing the saturation by 10% instead.

 95, 6.693, 149.138

 95, 6.693, 149.138

 100, 6.693,
149.138

 85, 6.693, 149.138

 75, 6.693, 149.138

 65, 6.693, 149.138

 55, 6.693, 149.138

 45, 6.693, 149.138

 35, 6.693, 149.138

 25, 6.693, 149.138

 15, 6.693, 149.138

 5, 6.693, 149.138

95, 6.693, 149.138

95, 6.693, 149.138

93, 20.431,
148.407

97, 6.611, 326.877

91, 34.187,
147.591

97, 6.984, 324.640

89, 47.760,
146.645


88, 60.895,
145.552

87, 73.291,
144.300

86, 84.618,
142.898

85, 94.536,
141.377

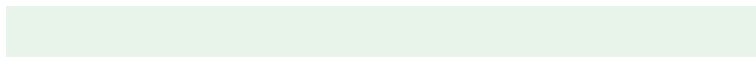
85, 102.720,
139.810

 84, 108.896,
138.310

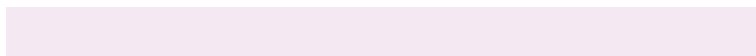
Harmonies

Complementary

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



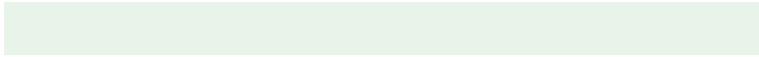
95, 6.693, 149.138



93, 6.719, 329.636

Rectangle

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



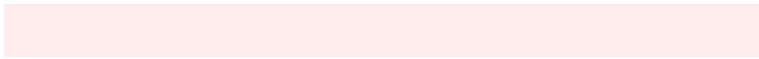
95, 6.693, 149.138



95, 6.693, 199.138



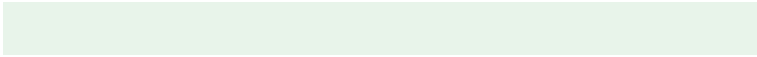
95, 6.693, 329.138



95, 6.693, 19.138

Sweetspot

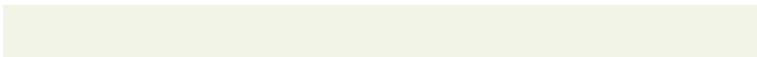
The Sweet Spot groups the original color and five complimentary colors.



95, 6.695, 149.137



100, 1.398, 149.587



96, 6.168, 115.693



53, 0.795, 149.603



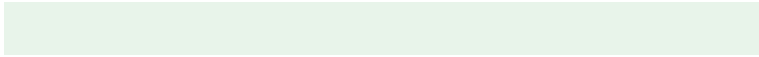
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 6.695, 149.137



99, 8.472, 149.056



95, 4.751, 172.256



50, 5.437, 149.011



66, 90.344, 137.901



20, 37.724, 140.632

Inverse Universe

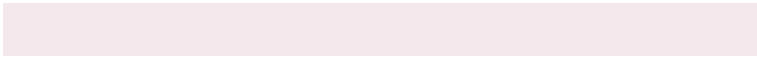
The Inverse Universe completely reimagines the original color for something new.



93, 6.719, 329.636



96, 8.498, 329.712



93, 4.817, 352.932



49, 5.453, 329.754



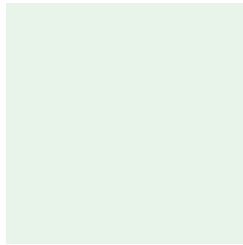
43, 80.102, 336.197



10, 36.221, 334.973

Previews

White Background



This preview shows how the CIE LCh color 95, 6.693, 149.138 looks on a white background.

Color Contrast Check

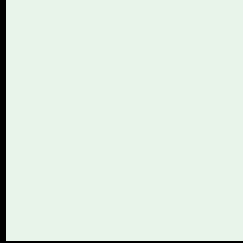
Large Text (above 18pt) WCAG AA × Fail

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, 6.693, 149.138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

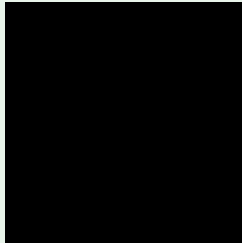
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

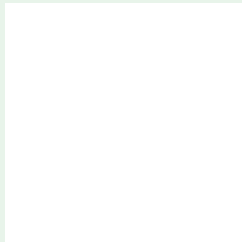
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 6.693, 149.138

Background



This preview shows how black text looks on a background with the CIELCh color 95, 6.693, 149.138.

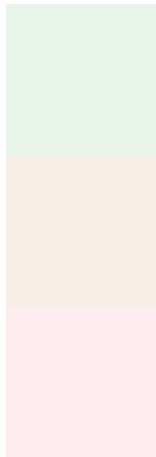


This preview shows how white text looks on a background with the CIELCh color 95, 6.693, 149.138.

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

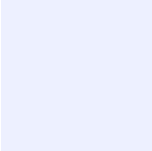
95, 6.693, 149.138

Protanopia

95, 4.987, 74.542

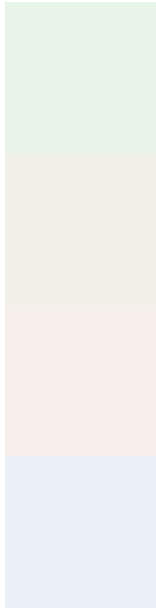
Deuteranopia

95, 6.891, 11.254



Tritanopia
95, 7.763, 283.171

Trichromacy



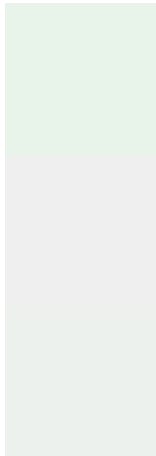
Original Color
95, 6.693, 149.138

Protanomaly
95, 4.602, 109.803

Deuteranomaly
95, 3.230, 47.761

Tritanomaly
95, 3.696, 256.147

Monochromacy



Original Color
95, 6.693, 149.138

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 2.718, 150.530

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 6.693, 149.138 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(232, 244, 234)` looks like.

```
.text, #text, p{  
    color:rgb(232, 244, 234)  
}
```

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(232, 244, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 244, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 6.693, 149.138 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(232, 244, 234) }
```

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

```
.border{ border-color:rgb(232, 244, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 244, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 244, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 244, 234);  
box-shadow:4px 4px 4px 4px rgb(232, 244,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 6.693, 149.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 244, 234) }
```

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

```
.background{ background-color: rgb(232,  
244, 234) }
```

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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