

Converting Colors

CIELCh(95, 9.466, 154.137)

Have a look what the booklet for
CIELCh(95, 9.466, 154.137) contains.

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Color

CIELCh(95, 9.274, 152.941)

Conversions

Conversions Part 1

Format	Color
Hex	E3F5E8
RGB	227, 245, 232
RGB Percent	89%, 96%, 91%
CMY	0.1091, 0.0384, 0.0895
CMYK	0.07, 0.00, 0.05, 0.04
HSL	137°, 48%, 93%
HSV	137°, 7%, 96%
XYZ	79.0400, 87.6183, 89.2304
YIQ	238.1360, -6.5550, -7.8590

Conversions

Conversions Part 2

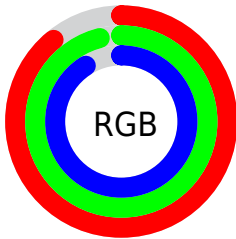
Format	Color
R _Y B	227, 241, 245
Decimal	14939624
CIE Lab	95.00, -8.26, 4.22
CIE LCh	95, 9.274, 152.941
Yxy	87.6183, 0.3089, 0.3424
Android (android.graphics.Color)	4293129704 (0xFFE3F5E8)
YUV	238.1360, -3.0250, -9.7663
Hunter-Lab	93.6047, -13.0823, 9.0040

Details

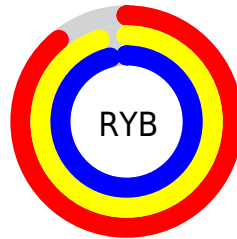
The CIELCh color **95, 9.274, 152.941** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 9.317, 333.852**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 9.496, 151.232** is the 20% darker color. If you saturate the color by 10%, you get **93, 22.005, 152.142**, and if you desaturate by 10%, it is **97, 3.344, 333.456**.

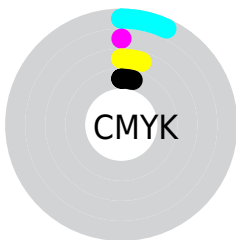
Distribution



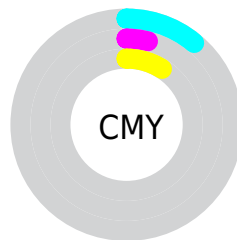
- Red (89%)
- Green (96%)
- Blue (91%)



- Red (89%)
- Yellow (95%)
- Blue (96%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)



- Cyan (11%)
- Magenta (4%)
- Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 9.274, 152.941 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, 9.274, 152.941 by changing the saturation by 10% instead.

 95, 9.274, 152.941

 95, 9.274, 152.941

 100, 9.274,
152.941

 85, 9.274, 152.941

 75, 9.274, 152.941

 65, 9.274, 152.941


 55, 9.274, 152.941

 45, 9.274, 152.941

 35, 9.274, 152.941

 25, 9.274, 152.941

 15, 9.274, 152.941

 5, 9.274, 152.941

95, 9.274, 152.941

95, 9.274, 152.941

93, 22.005,
152.142

97, 3.344, 333.456

98, 6.105, 324.604

91, 34.693,
151.244

90, 47.148,
150.211

88, 59.143,
149.020

87, 70.428,
147.652

86, 80.748,
146.099

86, 89.875,
144.372

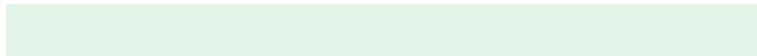
85, 97.631,
142.510

■ 85,103.920,
140.604

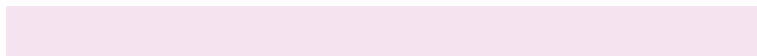
Harmonies

Complementary

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



95, 9.274, 152.941



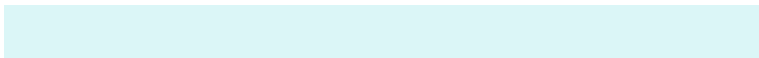
92, 9.317, 333.852

Rectangle

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



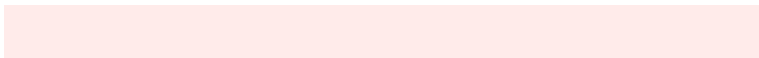
95, 9.274, 152.941



95, 9.274, 202.941



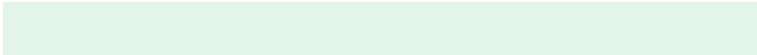
95, 9.274, 332.941



95, 9.274, 22.941

Sweetspot

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



95, 9.276, 152.939



100, 2.592, 153.422



96, 9.367, 120.104



53, 1.473, 153.437



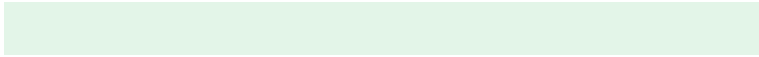
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

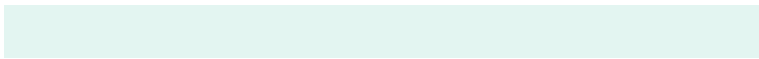
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 9.276, 152.939



98, 11.748, 152.809



95, 6.662, 180.161



50, 7.179, 152.773



66, 85.014, 140.479



21, 35.195, 143.609

Inverse Universe

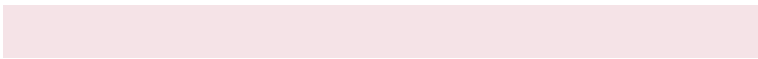
The Inverse Universe completely reimagines the original color for something new.



92, 9.317, 333.852



94, 11.801, 333.974



92, 6.843, 1.352



48, 7.212, 334.008



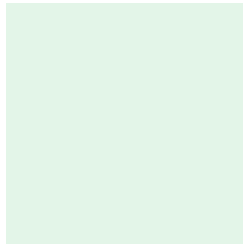
42, 73.928, 343.284



10, 33.711, 340.768

Previews

White Background



This preview shows how the CIELCh color 95, 9.274, 152.941 looks on a white background.

Color Contrast Check

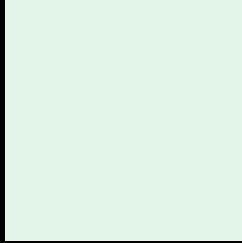
Large Text (above 18pt) WCAG AA × Fail

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, 9.274, 152.941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

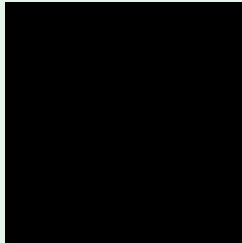
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

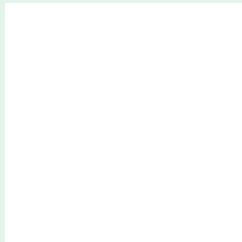
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 9.274, 152.941

Background



This preview shows how black text looks on a background with the CIELCh color 95, 9.274, 152.941.



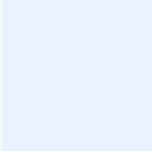
This preview shows how white text looks on a background with the CIELCh color 95, 9.274, 152.941.

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](#).

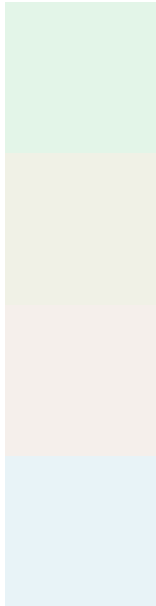
Dichromacy





Tritanopia
95, 7.540, 272.239

Trichromacy



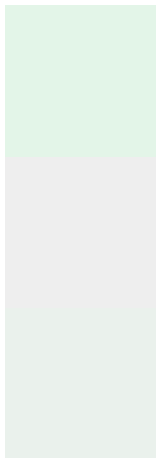
Original Color
95, 9.274, 152.941

Protanomaly
95, 5.642, 113.371

Deuteranomaly
95, 2.947, 63.304

Tritanomaly
95, 4.295, 227.939

Monochromacy



Original Color
95, 9.274, 152.941

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 3.581, 153.628

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 9.274, 152.941 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(227, 245, 232)` looks like.

```
.text, #text, p{  
    color:rgb(227, 245, 232)  
}
```

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(227, 245, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 245, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 9.274, 152.941 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(227, 245, 232) }
```

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

```
.border{ border-color:rgb(227, 245, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 245, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 245, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 245, 232);  
box-shadow:4px 4px 4px 4px rgb(227, 245,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 9.274, 152.941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 245, 232) }
```

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

```
.background{ background-color: rgb(227,  
245, 232) }
```

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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