

Converting Colors

CIE LCh(94, 4.499, 208.278)

Have a look what the booklet for
CIELCh(94, 4.499, 208.278) contains.

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Color

CIELCh(94, 4.614, 212.166)

Conversions

Conversions Part 1

Format	Color
Hex	E3F0F2
RGB	227, 240, 242
RGB Percent	89%, 94%, 95%
CMY	0.1088, 0.0578, 0.0500
CMYK	0.06, 0.01, 0.00, 0.05
HSL	188°, 37%, 92%
HSV	188°, 6%, 95%
XYZ	79.0615, 85.2715, 96.5007
YIQ	236.3410, -8.3900, -2.1340

Conversions

Conversions Part 2

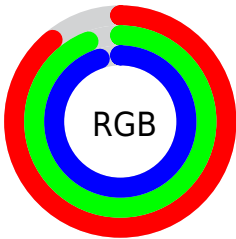
Format	Color
R _Y B	227, 234, 242
Decimal	14938354
CIE Lab	94.00, -3.91, -2.46
CIE LCh	94, 4.614, 212.166
Yxy	85.2715, 0.3031, 0.3269
Android (android.graphics.Color)	4293128434 (0xFFE3F0F2)
YUV	236.3410, 2.7899, -8.1921
Hunter-Lab	92.3426, -8.7720, 2.6800

Details

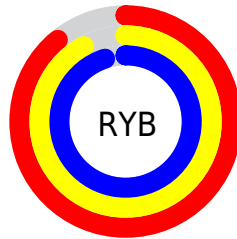
The CIELCh color **94, 4.614, 212.166** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 4.800, 31.961**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 4.479, 213.195** is the 20% darker color. If you saturate the color by 10%, you get **92, 11.737, 212.095**, and if you desaturate by 10%, it is **97, 2.899, 31.837**.

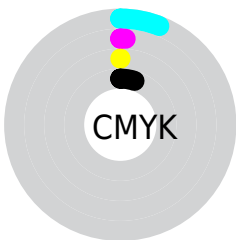
Distribution



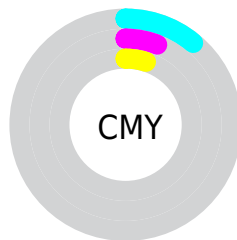
- Red (89%)
- Green (94%)
- Blue (95%)



- Red (89%)
- Yellow (92%)
- Blue (95%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



- Cyan (11%)
- Magenta (6%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 4.614, 212.166 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 94, 4.614, 212.166 by changing the saturation by 10% instead.

 94, 4.614, 212.166

 94, 4.614, 212.166

 100, 4.614,
212.166

 84, 4.614, 212.166

 74, 4.614, 212.166

 64, 4.614, 212.166

 54, 4.614, 212.166

 44, 4.614, 212.166

 34, 4.614, 212.166

 24, 4.614, 212.166

 14, 4.614, 212.166

 4, 4.614, 212.166

94, 4.614, 212.166

94, 4.614, 212.166

92, 11.737,
212.095

97, 2.899, 31.837

89, 18.357,
212.243

98, 3.700, 57.109

87, 24.353,
212.563

98, 4.276, 84.933

85, 29.601,
213.088

99, 5.554, 102.979

100, 6.448,
109.684

83, 33.989,
213.864

82, 37.427,
214.942

80, 39.873,
216.381

79, 41.352,
218.239

■ 78, 41.976,
220.556

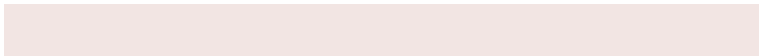
Harmonies

Complementary

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



94, 4.614, 212.166



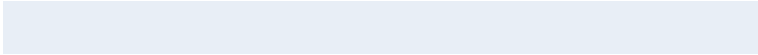
92, 4.800, 31.961

Rectangle

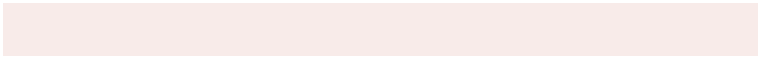
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



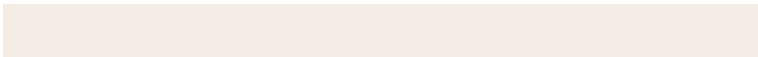
94, 4.614, 212.166



94, 4.614, 262.166



94, 4.614, 32.166



94, 4.614, 82.166

Sweetspot

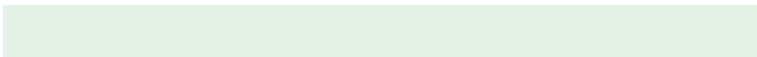
The Sweet Spot groups the original color and five complimentary colors.



94, 4.615, 212.139



99, 1.570, 212.438



94, 8.694, 147.446



53, 0.893, 212.460



0, 0.000, 0.000



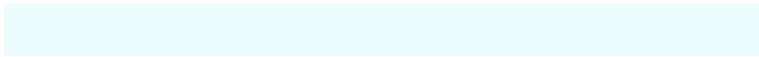
53, 0.007, 296.813

Same Dimension

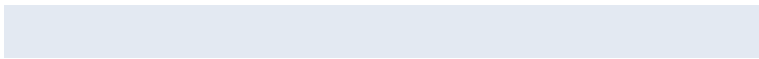
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 4.615, 212.139



98, 5.426, 212.122



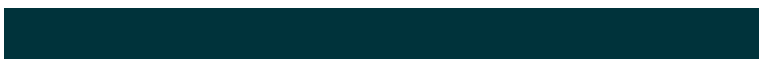
92, 5.155, 267.788



50, 3.405, 212.113



61, 34.568, 221.053



19, 15.502, 217.365

Inverse Universe

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



92, 8.617, 328.626



96, 10.158, 328.680



94, 5.164, 86.074



49, 6.386, 328.717



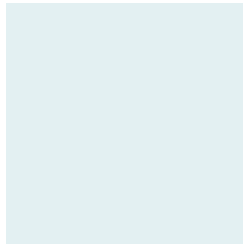
43, 82.195, 334.355



10, 37.048, 333.441

Previews

White Background



This preview shows how the CIELCh color 94, 4.614, 212.166 looks on a white background.

Color Contrast Check

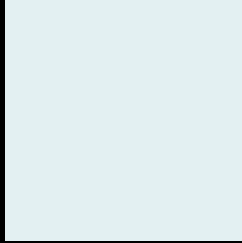
Large Text (above 18pt) WCAG AA × Fail

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 94, 4.614, 212.166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

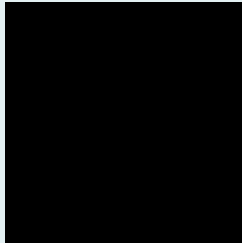
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

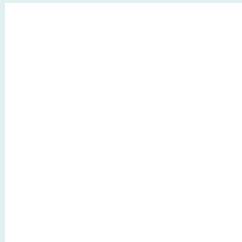
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 4.614, 212.166

Background



This preview shows how black text looks on a background with the CIELCh color 94, 4.614, 212.166.

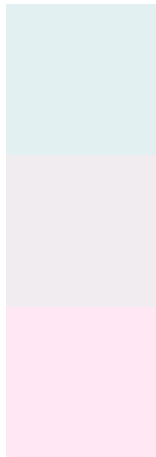


This preview shows how white text looks on a background with the CIELCh color 94, 4.614, 212.166.

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

94, 4.614, 212.166

Protanopia

94, 2.737, 330.528

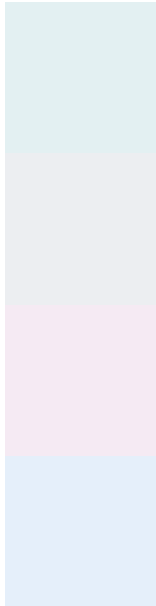
Deuteranopia

94, 10.565, 344.400



Tritanopia
94, 9.118, 273.495

Trichromacy



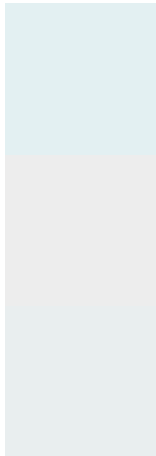
Original Color
94, 4.614, 212.166

Protanomaly
94, 1.694, 265.877

Deuteranomaly
94, 6.085, 330.118

Tritanomaly
94, 6.566, 259.125

Monochromacy



Original Color
94, 4.614, 212.166

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.824, 216.050

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 4.614, 212.166 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, 240, 242)` looks like.

```
.text, #text, p{  
    color:rgb(227, 240, 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(227, 240, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 240, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 4.614, 212.166 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, 240, 242) }
```

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

```
.border{ border-color:rgb(227, 240, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 240, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 240, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 240, 242);  
box-shadow:4px 4px 4px 4px rgb(227, 240,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 4.614, 212.166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 240, 242) }
```

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

```
.background{ background-color: rgb(227,  
240, 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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