

Converting Colors

CIE LCh(94, 4.644, 200.123)

Have a look what the booklet for
CIELCh(94, 4.644, 200.123) contains.

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Color

CIELCh(94, 4.544, 205.763)

Conversions

Conversions Part 1

Format	Color
Hex	E3F0F1
RGB	227, 240, 241
RGB Percent	89%, 94%, 95%
CMY	0.1085, 0.0575, 0.0536
CMYK	0.06, 0.00, 0.00, 0.05
HSL	184°, 34%, 92%
HSV	184°, 6%, 95%
XYZ	78.9675, 85.2715, 95.7772
YIQ	236.2270, -8.0690, -2.4450

Conversions

Conversions Part 2

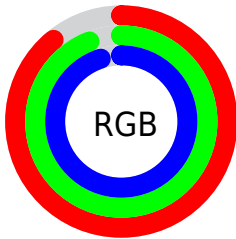
Format	Color
R _Y B	227, 234, 241
Decimal	14938353
CIE Lab	94.00, -4.09, -1.98
CIE LCh	94, 4.544, 205.763
Yxy	85.2715, 0.3037, 0.3279
Android (android.graphics.Color)	4293128433 (0xFFE3F0F1)
YUV	236.2270, 2.3531, -8.0921
Hunter-Lab	92.3426, -8.9538, 3.1446

Details

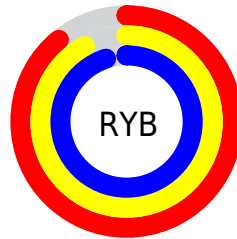
The CIELCh color **94, 4.544, 205.763** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 4.717, 25.848**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 4.399, 206.255** is the 20% darker color. If you saturate the color by 10%, you get **92, 12.043, 205.400**, and if you desaturate by 10%, it is **96, 3.361, 25.720**.

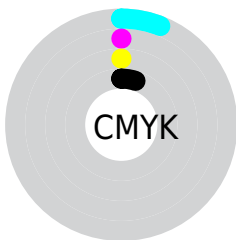
Distribution



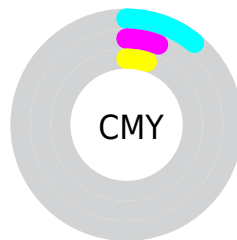
- Red (89%)
- Green (94%)
- Blue (95%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 4.544, 205.763 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, 4.544, 205.763 by changing the saturation by 10% instead.

 94, 4.544, 205.763

 94, 4.544, 205.763

 100, 4.544,
205.763

 84, 4.544, 205.763

 74, 4.544, 205.763

 64, 4.544, 205.763

 54, 4.544, 205.763

 44, 4.544, 205.763

 34, 4.544, 205.763

 24, 4.544, 205.763

 14, 4.544, 205.763

 4, 4.544, 205.763

94, 4.544, 205.763

94, 4.544, 205.763

92, 12.043,
205.400

96, 3.361, 25.720

90, 19.012,
205.215

97, 4.179, 36.790

88, 25.323,
205.144

97, 3.978, 51.545

87, 30.844,
205.204

98, 4.403, 80.403

86, 35.456,
205.417

99, 4.957, 91.539

84, 39.069,
205.808

99, 5.658, 100.164

83, 41.637,
206.403

99, 6.457, 106.757

83, 43.178,
207.226

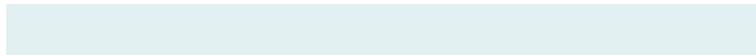
100, 6.917,
109.649

■ 82, 43.790,
208.294

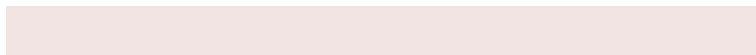
Harmonies

Complementary

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



94, 4.544, 205.763



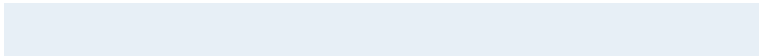
92, 4.717, 25.848

Rectangle

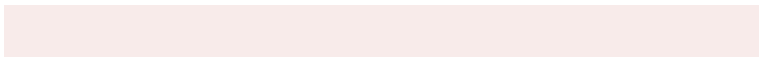
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



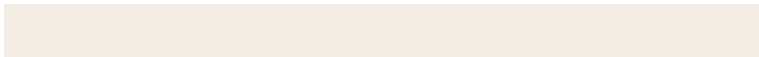
94, 4.544, 205.763



94, 4.544, 255.763



94, 4.544, 25.763



94, 4.544, 75.763

Sweetspot

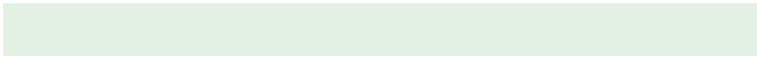
The Sweet Spot groups the original color and five complimentary colors.



94, 4.545, 205.737



100, 1.653, 206.112



94, 8.407, 145.981



53, 0.940, 206.137



0, 0.000, 0.000



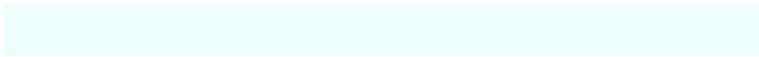
53, 0.007, 296.813

Same Dimension

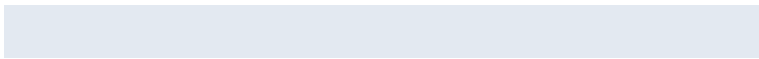
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 4.545, 205.737



98, 5.716, 205.678



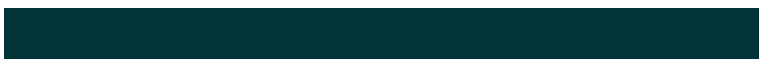
92, 4.584, 263.113



49, 3.525, 205.655



64, 35.789, 208.561



19, 15.789, 206.720

Inverse Universe

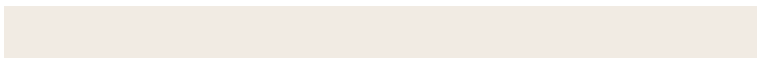
The Inverse Universe completely reimagines the original color for something new.



92, 8.402, 326.708



96, 10.606, 326.784



93, 4.608, 81.465



48, 6.553, 326.818



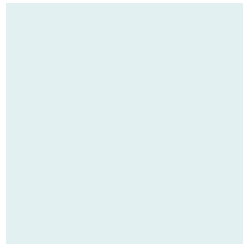
43, 85.397, 331.281



10, 37.570, 330.829

Previews

White Background



This preview shows how the CIELCh color 94, 4.544, 205.763 looks on a white background.

Color Contrast Check

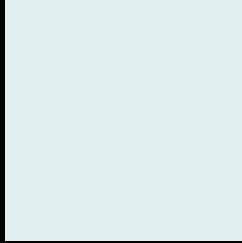
Large Text (above 18pt) WCAG AA × Fail

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 94, 4.544, 205.763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

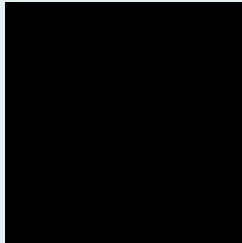
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

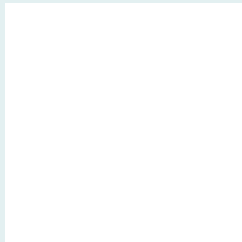
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 4.544, 205.763

Background



This preview shows how black text looks on a background with the CIELCh color 94, 4.544, 205.763.



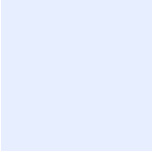
This preview shows how white text looks on a background with the CIELCh color 94, 4.544, 205.763.

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](#).

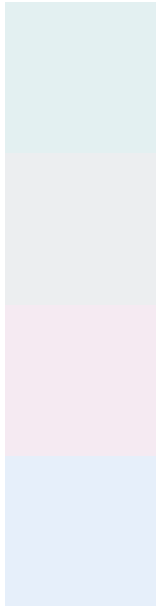
Dichromacy





Tritanopia
94, 9.029, 275.554

Trichromacy



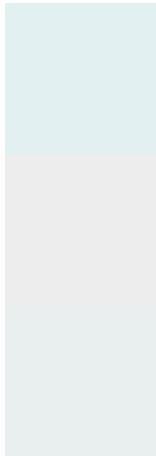
Original Color
94, 4.544, 205.763

Protanomaly
94, 1.245, 255.960

Deuteranomaly
94, 5.701, 333.437

Tritanomaly
94, 6.401, 261.756

Monochromacy



Original Color
94, 4.544, 205.763

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, 4.544, 205.763 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(227, 240, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 240, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 4.544, 205.763 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, 241) }
```

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

```
.border{ border-color:rgb(227, 240, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 240, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 240, 241);  
box-shadow:4px 4px 4px 4px rgb(227, 240,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 4.544, 205.763 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, 241) }
```

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

```
.background{ background-color: rgb(227,  
240, 241) }
```

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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