

# Converting Colors

CIE LCh(94, 6.152, 184.542)

Have a look what the booklet for  
CIELCh(94, 6.152, 184.542) contains.

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# Color

**CIELCh(94, 6.152, 184.542)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0F1EE
RGB	224, 241, 238
RGB Percent	88%, 95%, 93%
CMY	0.1199, 0.0532, 0.0650
CMYK	0.07, 0.00, 0.01, 0.05
HSL	169°, 39%, 91%
HSV	169°, 7%, 95%
XYZ	77.9436, 85.2715, 93.5635
YIQ	235.5750, -9.1690, -4.5370

# Conversions

## Conversions Part 2

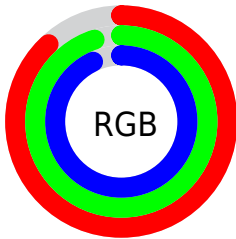
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 233, 241
Decimal	14741998
CIE <sub>Lab</sub>	94.00, -6.13, -0.49
CIE <sub>LCh</sub>	94, 6.152, 184.542
Yxy	85.2715, 0.3035, 0.3321
Android (android.graphics.Color)	4292932078 (0xFFE0F1EE)
YUV	235.5750, 1.1955, -10.1513
Hunter-Lab	92.3426, -10.9330, 4.5659

# Details

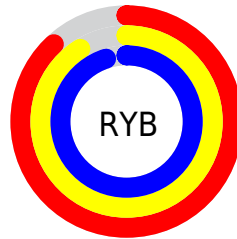
The CIELCh color **94, 6.152, 184.542** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 6.343, 5.596**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 6.101, 183.535** is the 20% darker color. If you saturate the color by 10%, you get **92, 14.656, 183.570**, and if you desaturate by 10%, it is **96, 2.616, 5.069**.

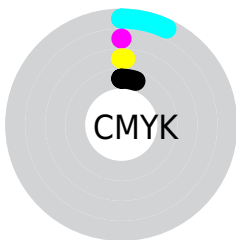
# Distribution



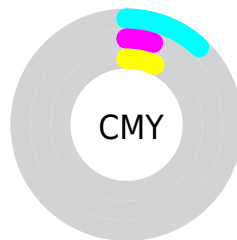
- Red (88%)
- Green (95%)
- Blue (93%)



- Red (88%)
- Yellow (91%)
- Blue (95%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)




- Cyan (12%)
- Magenta (5%)
- Yellow (7%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 6.152, 184.542 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, 6.152, 184.542 by changing the saturation by 10% instead.



 94, 6.152, 184.542

 94, 6.152, 184.542

 100, 6.152,  
184.542

 84, 6.152, 184.542

 74, 6.152, 184.542

 64, 6.152, 184.542

 54, 6.152, 184.542

 44, 6.152, 184.542

 34, 6.152, 184.542

 24, 6.152, 184.542

 14, 6.152, 184.542

 4, 6.152, 184.542

94, 6.152, 184.542

94, 6.152, 184.542

92, 14.656,  
183.570

96, 2.616, 5.069

91, 22.759,  
182.610

96, 5.594, 349.364

90, 30.317,  
181.605

97, 6.956, 333.738

88, 37.179,  
180.534

97, 8.459, 324.699

88, 43.206,  
179.378

87, 48.284,  
178.115

86, 52.351,  
176.721

86, 55.414,  
175.176

■ 86, 57.577,  
173.471

# Harmonies

# Complementary

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



94, 6.152, 184.542



91, 6.343, 5.596

# Rectangle

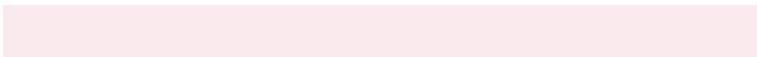
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



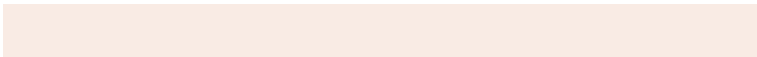
94, 6.152, 184.542



94, 6.152, 234.542



94, 6.152, 4.542



94, 6.152, 54.542

# Sweetspot

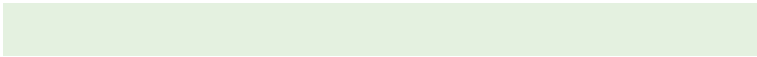
The Sweet Spot groups the original color and five complimentary colors.



94, 6.154, 184.528



100, 1.834, 185.210



94, 10.095, 139.004



53, 1.043, 185.236



0, 0.000, 0.000



53, 0.007, 296.813





# Same Dimension

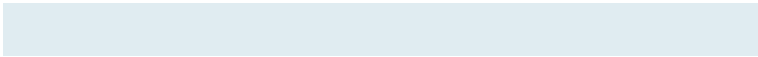
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 6.154, 184.528



98, 7.295, 184.429



93, 4.855, 234.309



49, 4.918, 184.288



67, 47.157, 173.284

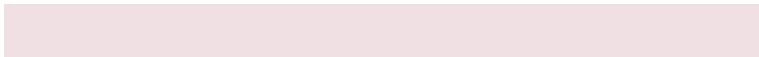


20, 19.967, 175.990

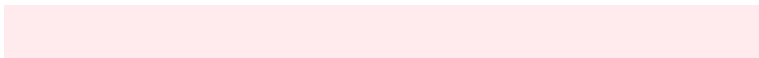


# Inverse Universe

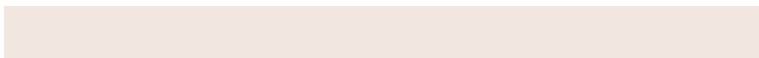
The Inverse Universe completely reimagines the original color for something new.



91, 6.343, 5.596



95, 7.549, 5.702



92, 5.029, 53.000



47, 5.120, 5.858



38, 73.721, 31.125

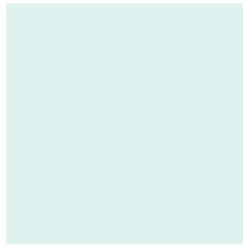


8, 29.072, 16.572



# Previews

## White Background



This preview shows how the CIELCh color 94, 6.152, 184.542 looks on a white background.

## Color Contrast Check

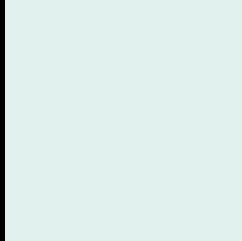
Large Text (above 18pt) WCAG AA × Fail

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, 6.152, 184.542 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

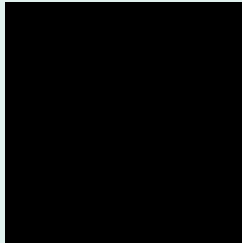
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

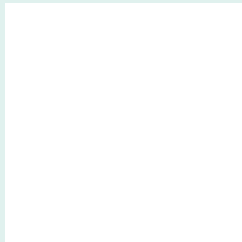
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# **CIELCh 94, 6.152, 184.542**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 94, 6.152, 184.542.

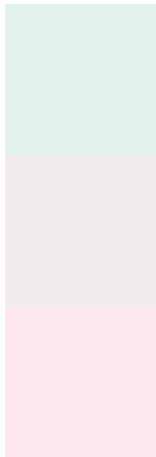


This preview shows how white text looks on a background with the CIELCh color 94, 6.152, 184.542.

# 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, 6.152, 184.542

**Protanopia**  
94, 2.136, 19.258

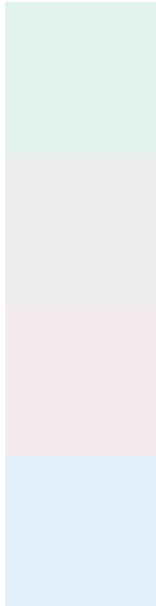
**Deuteranopia**  
94, 9.766, 351.801





**Tritanopia**  
94, 9.217, 271.480

# Trichromacy



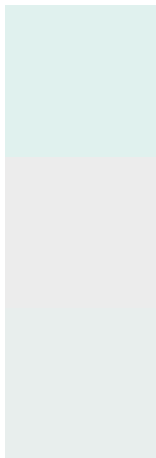
**Original Color**  
94, 6.152, 184.542

**Protanomaly**  
94, 0.872, 164.112

**Deuteranomaly**  
94, 3.823, 346.946

**Tritanomaly**  
94, 6.529, 251.509

# Monochromacy



**Original Color**  
94, 6.152, 184.542

**Achromatopsia**  
93, 0.011, 296.813

**Achromatomaly**  
94, 2.178, 185.880

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 94, 6.152, 184.542 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(224, 241, 238)` looks like.

```
.text, #text, p{  
    color:rgb(224, 241, 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(224, 241, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 241, 238) }
```

## Border

The CSS property to change the border of an element to CIELCh 94, 6.152, 184.542 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(224, 241, 238) }
```

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

```
.border{ border-color:rgb(224, 241, 238) }
```

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

Here you see how a box with a 4 pixel rgb(224, 241, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 241, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 241, 238);  
box-shadow:4px 4px 4px 4px rgb(224, 241,  
238) }
```

# Background

The CSS property to change the background color of an element to CIELCh 94, 6.152, 184.542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 241, 238) }
```

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

```
.background{ background-color: rgb(224,  
241, 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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