

Converting Colors

CIELCh(94, 8.121, 160.376)

Have a look what the booklet for
CIELCh(94, 8.121, 160.376) contains.

CIELCh(94, 8.222, 160.237)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(94, 8.222, 160.237)

Conversions

Conversions Part 1

Format	Color
Hex	E0F2E8
RGB	224, 242, 232
RGB Percent	88%, 95%, 91%
CMY	0.1211, 0.0505, 0.0897
CMYK	0.07, 0.00, 0.04, 0.05
HSL	147°, 41%, 91%
HSV	147°, 7%, 95%
XYZ	77.1444, 85.2715, 88.8227
YIQ	235.4780, -7.5180, -6.9260

Conversions

Conversions Part 2

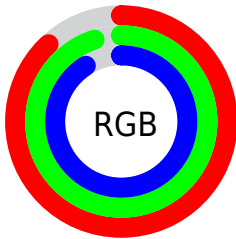
Format	Color
R_{YB}	224, 236, 242
Decimal	14742248
CIE Lab	94.00, -7.74, 2.78
CIE LCh	94, 8.222, 160.237
Yxy	85.2715, 0.3071, 0.3394
Android (android.graphics.Color)	4292932328 (0xFFE0F2E8)
YUV	235.4780, -1.7147, -10.0662
Hunter-Lab	92.3426, -12.4778, 7.6098

Details

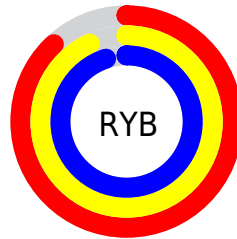
The CIELCh color **94, 8.222, 160.237** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 8.295, 341.304**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 8.362, 158.527** is the 20% darker color. If you saturate the color by 10%, you get **92, 19.312, 159.326**, and if you desaturate by 10%, it is **96, 2.834, 340.805**.

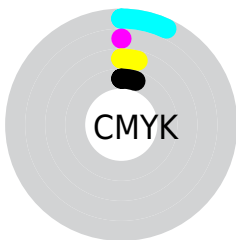
Distribution



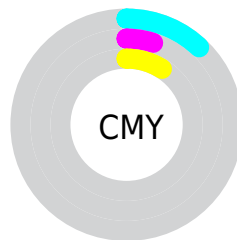
- Red (88%)
- Green (95%)
- Blue (91%)



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



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



- Cyan (12%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.222, 160.237 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, 8.222, 160.237 by changing the saturation by 10% instead.

94, 8.222, 160.237

94, 8.222, 160.237

100, 8.222,
160.237

84, 8.222, 160.237

74, 8.222, 160.237

64, 8.222, 160.237

54, 8.222, 160.237

44, 8.222, 160.237

34, 8.222, 160.237

24, 8.222, 160.237

14, 8.222, 160.237

4, 8.222, 160.237

94, 8.222, 160.237

94, 8.222, 160.237

92, 19.312,
159.326

96, 2.834, 340.805

97, 8.024, 324.682

90, 30.293,
158.333

89, 41.005,
157.212

88, 51.259,
155.939

87, 60.859,
154.486

86, 69.625,
152.833

85, 77.415,
150.968

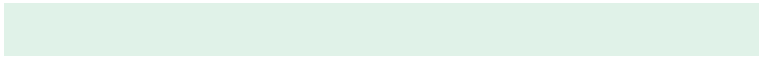
85, 84.163,
148.896

 84, 89.907,
146.665

Harmonies

Complementary

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



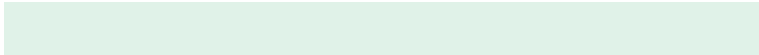
94, 8.222, 160.237



91, 8.295, 341.304

Rectangle

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



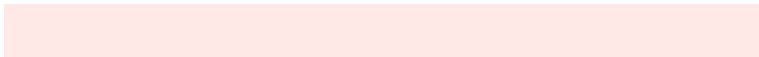
94, 8.222, 160.237



94, 8.222, 210.237



94, 8.222, 340.237



94, 8.222, 30.237

Sweetspot

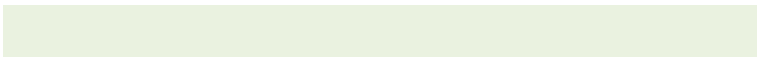
The Sweet Spot groups the original color and five complimentary colors.



94, 8.224, 160.232



100, 2.296, 160.816



95, 9.663, 126.367



53, 1.305, 160.834



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, 8.224, 160.232



98, 10.387, 160.090



94, 6.290, 193.446



49, 6.237, 160.051



66, 73.501, 146.529



20, 29.690, 150.263

Inverse Universe

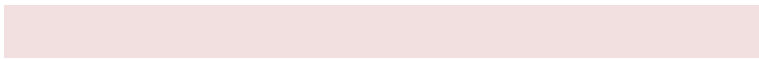
The Inverse Universe completely reimagines the original color for something new.



91, 8.295, 341.304



94, 10.488, 341.444



91, 6.555, 14.356



47, 6.300, 341.483



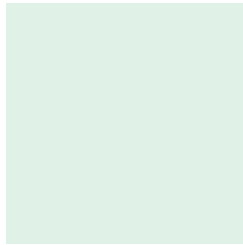
40, 67.128, 356.804



9, 30.051, 351.403

Previews

White Background



This preview shows how the CIE LCh color 94, 8.222, 160.237 looks on a white background.

Color Contrast Check

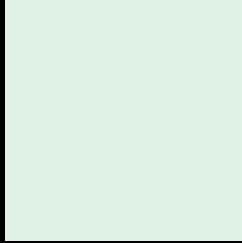
Large Text (above 18pt) WCAG AA × Fail

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, 8.222, 160.237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

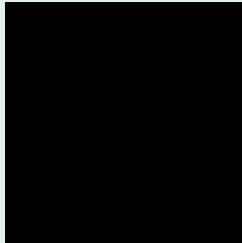
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

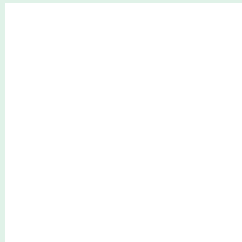
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 8.222, 160.237

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.222, 160.237.



This preview shows how white text looks on a background with the CIELCh color 94, 8.222, 160.237.

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](#).

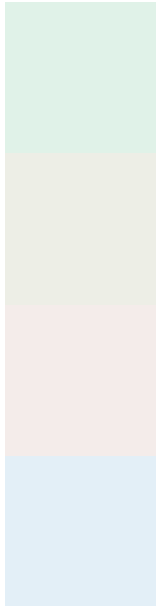
Dichromacy





Tritanopia
94, 9.217, 271.480

Trichromacy



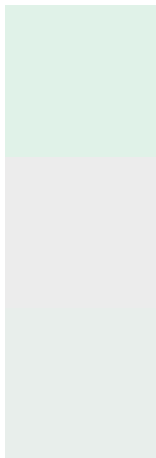
Original Color
94, 8.222, 160.237

Protanomaly
94, 4.120, 114.821

Deuteranomaly
94, 3.028, 39.185

Tritanomaly
94, 5.779, 244.881

Monochromacy



Original Color
94, 8.222, 160.237

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 2.633, 163.620

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.222, 160.237 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, 242, 232)` looks like.

```
.text, #text, p{  
    color:rgb(224, 242, 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(224, 242, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 242, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.222, 160.237 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, 242, 232) }
```

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

```
.border{ border-color:rgb(224, 242, 232) }
```

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

Here you see how a box with a 4 pixel rgb(224, 242, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 242, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 242, 232);  
box-shadow:4px 4px 4px 4px rgb(224, 242,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.222, 160.237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 242, 232) }
```

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

```
.background{ background-color: rgb(224,  
242, 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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