

Converting Colors

CIE LCh(94, 6.803, 210.272)

Have a look what the booklet for
CIELCh(94, 6.803, 210.272) contains.

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Color

CIELCh(94, 6.692, 212.460)

Conversions

Conversions Part 1

Format	Color
Hex	DEF1F4
RGB	222, 241, 244
RGB Percent	87%, 95%, 96%
CMY	0.1280, 0.0534, 0.0417
CMYK	0.09, 0.01, 0.00, 0.04
HSL	188°, 51%, 92%
HSV	188°, 9%, 96%
XYZ	78.1868, 85.2715, 98.2217
YIQ	235.6610, -12.2870, -3.0950

Conversions

Conversions Part 2

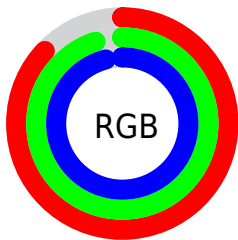
Format	Color
R _Y B	222, 232, 244
Decimal	14610932
CIE Lab	94.00, -5.65, -3.59
CIE LCh	94, 6.692, 212.460
Yxy	85.2715, 0.2988, 0.3259
Android (android.graphics.Color)	4292801012 (0xFFDEF1F4)
YUV	235.6610, 4.1111, -11.9807
Hunter-Lab	92.3426, -10.4630, 1.5751

Details

The CIELCh color **94, 6.692, 212.460** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 7.095, 32.366**, 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, 6.641, 213.181** is the 20% darker color. If you saturate the color by 10%, you get **92, 13.718, 212.482**, and if you desaturate by 10%, it is **97, 0.756, 31.513**.

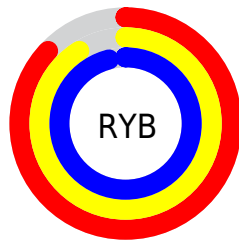
Distribution



Red (87%)

Green (95%)

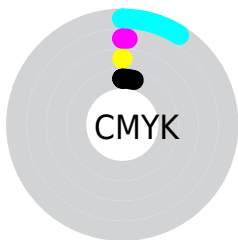
Blue (96%)



Red (87%)

Yellow (91%)

Blue (96%)

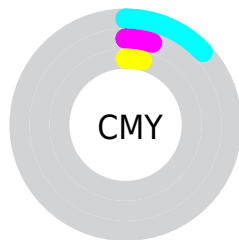


Cyan (9%)

Magenta (1%)

Yellow (0%)

Black (4%)



Cyan (13%)

Magenta (5%)

Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 6.692, 212.460 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, 6.692, 212.460 by changing the saturation by 10% instead.

 94, 6.692, 212.460

 94, 6.692, 212.460

 100, 6.692,
212.460

 84, 6.692, 212.460

 74, 6.692, 212.460

 64, 6.692, 212.460

 54, 6.692, 212.460

 44, 6.692, 212.460

 34, 6.692, 212.460

 24, 6.692, 212.460

 14, 6.692, 212.460

 4, 6.692, 212.460

94, 6.692, 212.460

94, 6.692, 212.460

92, 13.718,
212.482

97, 0.756, 31.513

89, 20.206,
212.695

98, 3.076, 56.528

87, 26.033,
213.091

99, 3.757, 89.791

100, 5.221,
108.562

85, 31.075,
213.708

100, 5.377,
109.762

83, 35.225,
214.595

82, 38.404,
215.810

80, 40.588,
217.411

79, 41.823,
219.455

■ 78, 42.289,
221.951

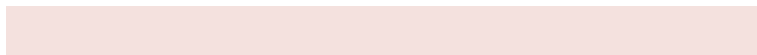
Harmonies

Complementary

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



94, 6.692, 212.460



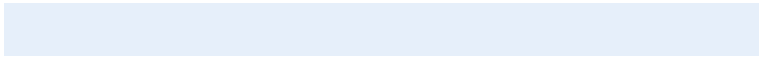
91, 7.095, 32.366

Rectangle

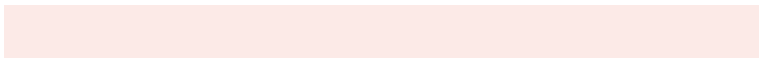
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 6.692, 212.460



94, 6.692, 262.460



94, 6.692, 32.460



94, 6.692, 82.460

Sweetspot

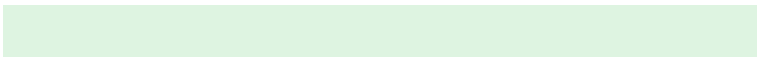
The Sweet Spot groups the original color and five complimentary colors.



94, 6.693, 212.442



99, 2.343, 212.629



94, 12.608, 147.769



53, 1.773, 212.568



0, 0.000, 0.000



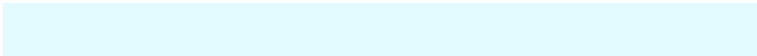
53, 0.007, 296.813

Same Dimension

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



94, 6.693, 212.442



97, 8.417, 212.433



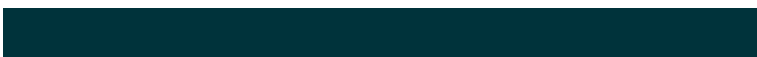
91, 7.688, 269.605



50, 4.225, 212.439



61, 34.529, 221.716



19, 15.478, 217.927

Inverse Universe

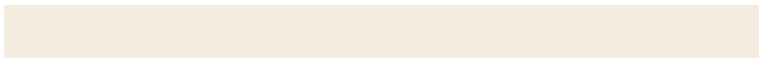
The Inverse Universe completely reimagines the original color for something new.



91, 12.613, 328.907



93, 15.968, 329.034



94, 7.715, 87.189



48, 7.974, 328.937



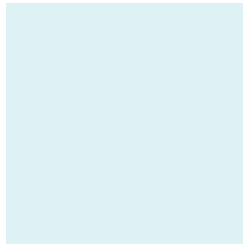
43, 81.997, 334.521



10, 36.970, 333.579

Previews

White Background



This preview shows how the CIE LCh color 94, 6.692, 212.460 looks on a white background.

Color Contrast Check

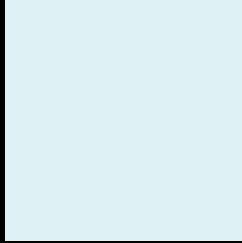
Large Text (above 18pt) WCAG AA × Fail

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, 6.692, 212.460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

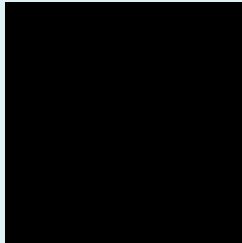
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

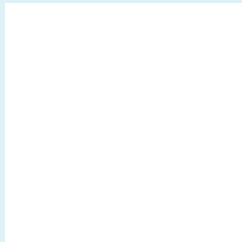
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 6.692, 212.460

Background



This preview shows how black text looks on a background with the CIELCh color 94, 6.692, 212.460.



This preview shows how white text looks on a background with the CIELCh color 94, 6.692, 212.460.

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](#).

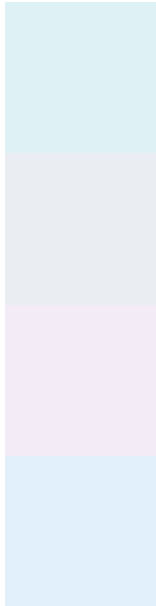
Dichromacy





Tritanopia
94, 9.111, 264.281

Trichromacy



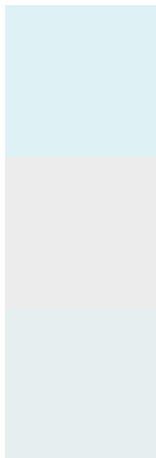
Original Color
94, 6.692, 212.460

Protanomaly
94, 2.477, 256.000

Deuteranomaly
94, 5.904, 318.951

Tritanomaly
94, 7.550, 247.964

Monochromacy



Original Color
94, 6.692, 212.460

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 2.500, 211.397

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 6.692, 212.460 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(222, 241, 244)` looks like.

```
.text, #text, p{  
    color:rgb(222, 241, 244)  
}
```

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(222, 241, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 241, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 6.692, 212.460 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(222, 241, 244) }
```

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

```
.border{ border-color:rgb(222, 241, 244) }
```

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

Here you see how a box with a 4 pixel rgb(222, 241, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 241, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 241, 244);  
box-shadow:4px 4px 4px 4px rgb(222, 241,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 6.692, 212.460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 241, 244) }
```

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

```
.background{ background-color: rgb(222,  
241, 244) }
```

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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