

Converting Colors

CIELCh(94, 7.549, 210.668)

Have a look what the booklet for
CIELCh(94, 7.549, 210.668) contains.

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Color

CIELCh(94, 7.671, 210.652)

Conversions

Conversions Part 1

Format	Color
Hex	DCF2F5
RGB	220, 242, 245
RGB Percent	86%, 95%, 96%
CMY	0.1374, 0.0512, 0.0394
CMYK	0.10, 0.01, 0.00, 0.04
HSL	187°, 55%, 91%
HSV	187°, 10%, 96%
XYZ	77.7108, 85.2715, 98.7092
YIQ	235.7640, -14.0750, -3.7310

Conversions

Conversions Part 2

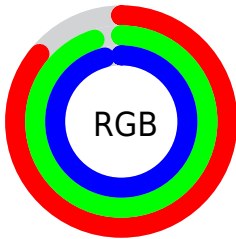
Format	Color
R _Y B	220, 232, 245
Decimal	14480117
CIE Lab	94.00, -6.60, -3.91
CIE LCh	94, 7.671, 210.652
Yxy	85.2715, 0.2970, 0.3258
Android (android.graphics.Color)	4292670197 (0xFFDCF2F5)
YUV	235.7640, 4.5533, -13.8250
Hunter-Lab	92.3426, -11.3831, 1.2621

Details

The CIELCh color **94, 7.671, 210.652** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 8.201, 30.749**, 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, 7.652, 211.183** is the 20% darker color. If you saturate the color by 10%, you get **92, 14.739, 210.616**, and if you desaturate by 10%, it is **96, 0.160, 214.682**.

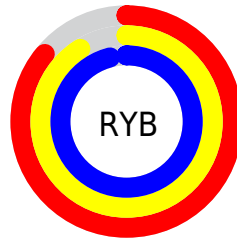
Distribution



Red (86%)

Green (95%)

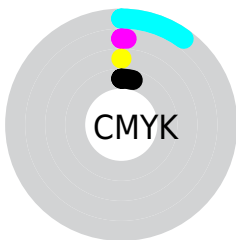
Blue (96%)



Red (86%)

Yellow (91%)

Blue (96%)

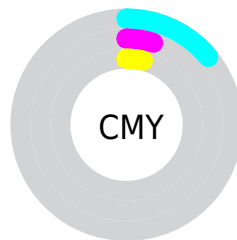


Cyan (10%)

Magenta (1%)

Yellow (0%)

Black (4%)



Cyan (14%)

Magenta (5%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 7.671, 210.652 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, 7.671, 210.652 by changing the saturation by 10% instead.



94, 7.671, 210.652

94, 7.671, 210.652

92, 14.739,
210.616

96, 0.160, 214.682

90, 21.241,
210.752

98, 2.917, 49.395

99, 3.292, 82.786

88, 27.052,
211.058

99, 4.447, 103.875

86, 32.048,
211.567

100, 5.084,
109.783

84, 36.120,
212.323

83, 39.194,
213.376

81, 41.251,
214.776

80, 42.346,
216.571

■ 79, 42.691,
218.699

Harmonies

Complementary

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



94, 7.671, 210.652



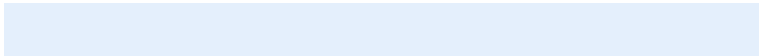
90, 8.201, 30.749

Rectangle

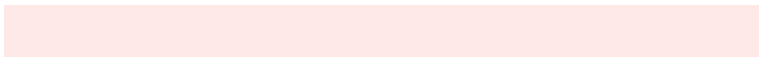
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



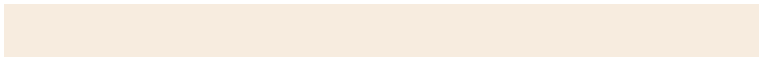
94, 7.671, 210.652



94, 7.671, 260.652



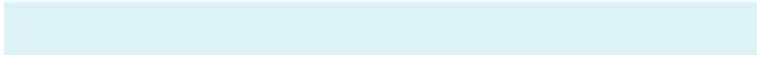
94, 7.671, 30.652



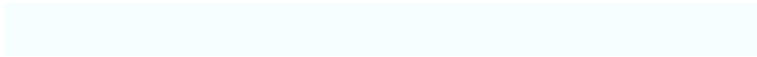
94, 7.671, 80.652

Sweetspot

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



94, 7.672, 210.636



99, 2.373, 210.883



94, 14.500, 147.167



53, 1.795, 210.816



0, 0.000, 0.000



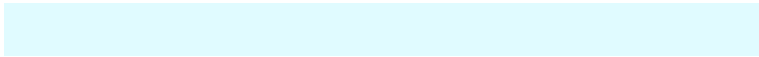
53, 0.007, 296.813

Same Dimension

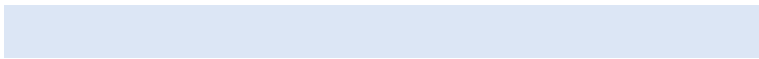
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 7.672, 210.636



97, 9.272, 210.619



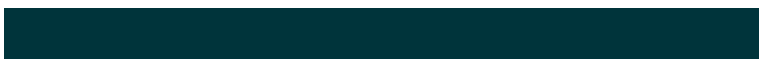
91, 8.582, 268.332



50, 4.278, 210.645



62, 34.780, 218.271



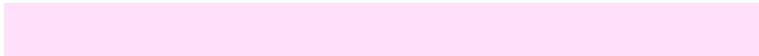
19, 15.618, 215.014

Inverse Universe

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



90, 14.498, 328.461



92, 17.630, 328.573



94, 8.641, 85.581



48, 8.066, 328.416



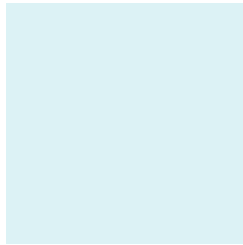
43, 83.044, 333.664



10, 37.382, 332.862

Previews

White Background



This preview shows how the CIELCh color 94, 7.671, 210.652 looks on a white background.

Color Contrast Check

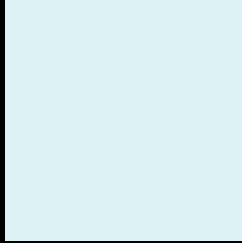
Large Text (above 18pt) WCAG AA × Fail

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, 7.671, 210.652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

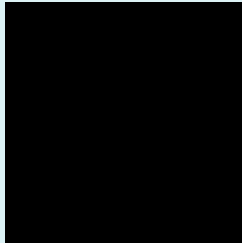
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

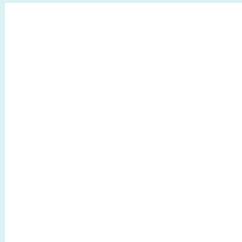
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 7.671, 210.652

Background



This preview shows how black text looks on a background with the CIELCh color 94, 7.671, 210.652.



This preview shows how white text looks on a background with the CIELCh color 94, 7.671, 210.652.

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](#).

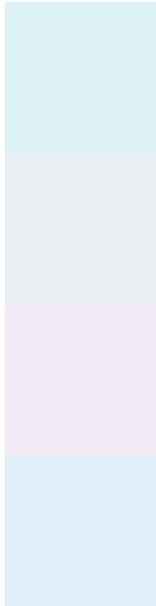
Dichromacy





Tritanopia
94, 9.414, 260.592

Trichromacy



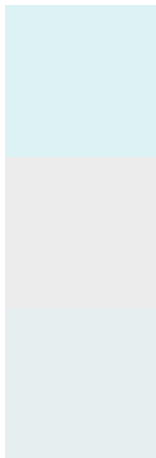
Original Color
94, 7.671, 210.652

Protanomaly
94, 3.091, 256.071

Deuteranomaly
94, 6.211, 313.839

Tritanomaly
94, 8.006, 244.347

Monochromacy



Original Color
94, 7.671, 210.652

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 2.841, 209.901

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 7.671, 210.652 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(220, 242, 245)` looks like.

```
.text, #text, p{  
    color:rgb(220, 242, 245)  
}
```

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(220, 242, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 242, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 7.671, 210.652 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(220, 242, 245) }
```

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

```
.border{ border-color:rgb(220, 242, 245) }
```

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

Here you see how a box with a 4 pixel rgb(220, 242, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 242, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 242, 245);  
box-shadow:4px 4px 4px 4px rgb(220, 242,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 7.671, 210.652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 242, 245) }
```

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

```
.background{ background-color: rgb(220,  
242, 245) }
```

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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