

Converting Colors

CIELCh(93, 9.614, 217.761)

Have a look what the booklet for
CIELCh(93, 9.614, 217.761) contains.

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Color

CIELCh(93, 9.608, 217.760)

Conversions

Conversions Part 1

Format	Color
Hex	D5F0F6
RGB	213, 240, 246
RGB Percent	84%, 94%, 96%
CMY	0.1654, 0.0596, 0.0360
CMYK	0.13, 0.02, 0.00, 0.04
HSL	191°, 64%, 90%
HSV	191°, 13%, 96%
XYZ	75.0944, 82.9670, 99.0899
YIQ	232.6110, -18.0180, -3.8580

Conversions

Conversions Part 2

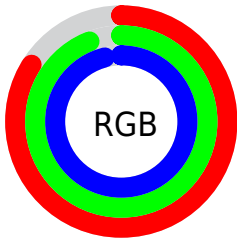
Format	Color
R _{YB}	213, 228, 246
Decimal	14020854
CIE _{Lab}	93.00, -7.60, -5.88
CIE _{LCh}	93, 9.608, 217.760
Y _{xy}	82.9670, 0.2920, 0.3226
Android (android.graphics.Color)	4292210934 (0xFFD5F0F6)
Y _{UV}	232.6110, 6.6008, -17.1988
Hunter-Lab	91.0862, -12.2398, -0.7394

Details

The CIELCh color `93, 9.608, 217.760` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `89, 10.486, 37.207`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 9.660, 218.552` is the 20% darker color. If you saturate the color by 10%, you get `90, 16.256, 218.123`, and if you desaturate by 10%, it is `96, 2.515, 217.686`.

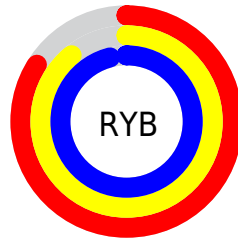
Distribution



Red (84%)

Green (94%)

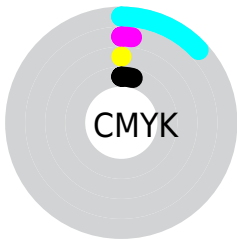
Blue (96%)



Red (84%)

Yellow (89%)

Blue (96%)

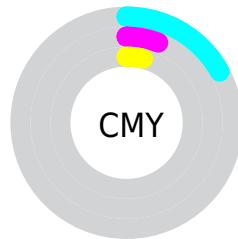


Cyan (13%)

Magenta (2%)

Yellow (0%)

Black (4%)



Cyan (17%)

Magenta (6%)

Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.608, 217.760 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 93, 9.608, 217.760 by changing the saturation by 10% instead.

 93, 9.608, 217.760

 93, 9.608, 217.760

 100, 9.608,
217.760

 83, 9.608, 217.760

 73, 9.608, 217.760

 63, 9.608, 217.760

 53, 9.608, 217.760

 43, 9.608, 217.760

 33, 9.608, 217.760

 23, 9.608, 217.760

 13, 9.608, 217.760

 3, 9.608, 217.760

93, 9.608, 217.760

93, 9.608, 217.760

90, 16.256,
218.123

96, 2.515, 217.686

88, 22.346,
218.711

98, 2.654, 53.501

85, 27.762,
219.551

99, 3.794, 100.282

100, 4.650,
109.814

83, 32.393,
220.704

81, 36.149,
222.241

79, 38.981,
224.242

78, 40.906,
226.786

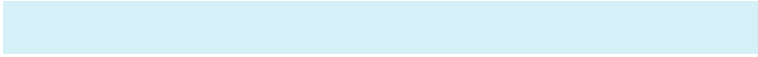
76, 42.027,
229.933

■ 75, 42.480,
232.278

Harmonies

Complementary

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



93, 9.608, 217.760



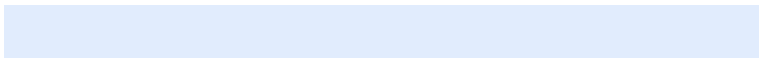
89, 10.486, 37.207

Rectangle

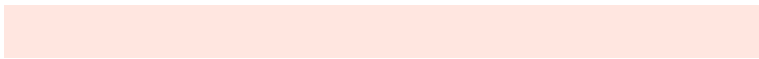
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 9.608, 217.760



93, 9.608, 267.760



93, 9.608, 37.760



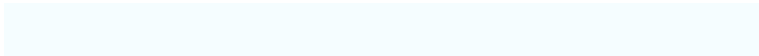
93, 9.608, 87.760

Sweetspot

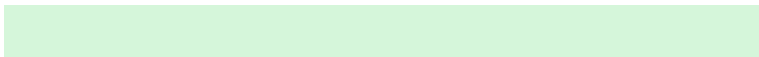
The Sweet Spot groups the original color and five complimentary colors.



93, 9.608, 217.748



99, 3.023, 217.660



94, 18.488, 148.521



53, 2.144, 217.641



0, 0.000, 0.000



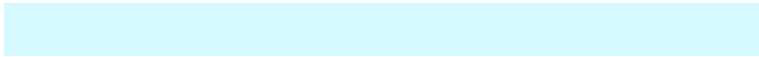
53, 0.007, 296.813

Same Dimension

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



93, 9.608, 217.748



95, 11.711, 217.826



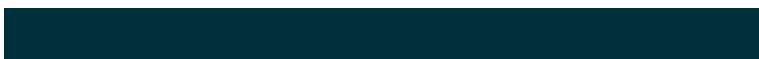
89, 11.972, 272.973



50, 4.098, 217.660



58, 34.449, 231.589



18, 15.284, 226.344

Inverse Universe

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



89, 18.343, 330.712



90, 22.553, 330.881



93, 11.997, 89.412



48, 7.722, 330.455



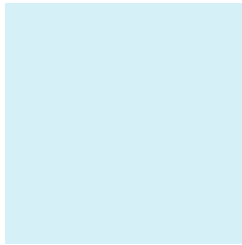
42, 79.190, 337.069



10, 35.858, 335.694

Previews

White Background



This preview shows how the CIELCh color 93, 9.608, 217.760 looks on a white background.

Color Contrast Check

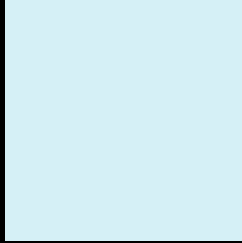
Large Text (above 18pt) WCAG AA × Fail

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 93, 9.608, 217.760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

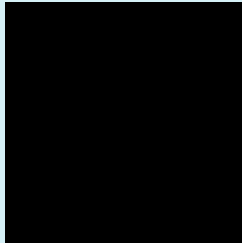
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

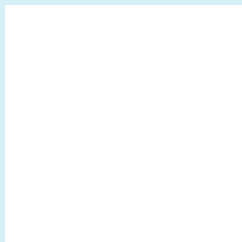
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.608, 217.760

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.608, 217.760.



This preview shows how white text looks on a background with the CIELCh color 93, 9.608, 217.760.

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](#).

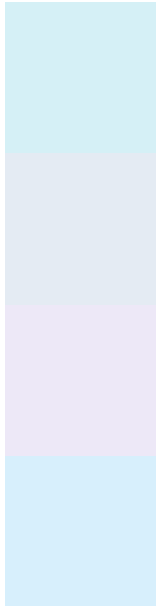
Dichromacy





Tritanopia
93, 11.108, 251.495

Trichromacy



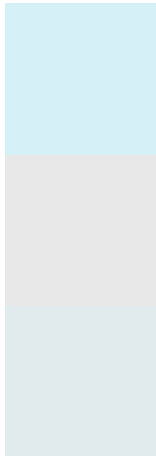
Original Color
93, 9.608, 217.760

Protanomaly
93, 4.758, 259.826

Deuteranomaly
93, 7.974, 303.376

Tritanomaly
93, 10.366, 239.490

Monochromacy



Original Color
93, 9.608, 217.760

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.630, 215.907

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.608, 217.760 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(213, 240, 246)` looks like.

```
.text, #text, p{  
    color:rgb(213, 240, 246)  
}
```

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(213, 240, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 240, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.608, 217.760 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(213, 240, 246) }
```

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

```
.border{ border-color:rgb(213, 240, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 240, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 240, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 240, 246);  
box-shadow:4px 4px 4px 4px rgb(213, 240,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.608, 217.760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 240, 246) }
```

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

```
.background{ background-color: rgb(213,  
240, 246) }
```

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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