

Converting Colors

CIELCh(92, 14.170, 198.517)

Have a look what the booklet for
CIELCh(92, 14.170, 198.517)
contains.

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Color

CIELCh(92, 14.170, 198.517)

Conversions

Conversions Part 1

Format	Color
Hex	C6F0F0
RGB	198, 240, 240
RGB Percent	78%, 94%, 94%
CMY	0.2231, 0.0584, 0.0584
CMYK	0.17, 0.00, 0.00, 0.06
HSL	180°, 59%, 86%
HSV	180°, 17%, 94%
XYZ	70.2549, 80.7044, 94.3997
YIQ	227.4420, -25.0320, -8.9040

Conversions

Conversions Part 2

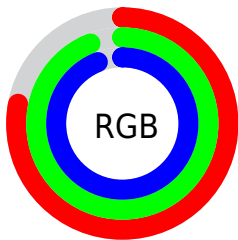
Format	Color
R _Y B	198, 219, 240
Decimal	13037808
CIE Lab	92.00, -13.44, -4.50
CIE LCh	92, 14.170, 198.517
Yxy	80.7044, 0.2863, 0.3289
Android (android.graphics.Color)	4291227888 (0xFFC6F0F0)
YUV	227.4420, 6.1911, -25.8206
Hunter-Lab	89.8356, -17.6185, 0.5827

Details

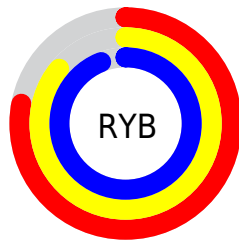
The CIELCh color **92, 14.170, 198.517** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83, 15.891, 20.605**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 14.333, 198.294** is the 20% darker color. If you saturate the color by 10%, you get **91, 21.523, 198.021**, and if you desaturate by 10%, it is **94, 6.240, 199.086**.

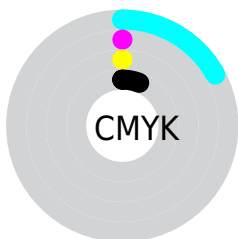
Distribution



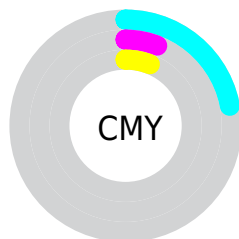
- Red (78%)
- Green (94%)
- Blue (94%)



- Red (78%)
- Yellow (86%)
- Blue (94%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)





- Cyan (22%)
- Magenta (6%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 14.170, 198.517 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 92, 14.170, 198.517 by changing the saturation by 10% instead.


 92, 14.170,
198.517


 92, 14.170,
198.517


 100, 14.170,
198.517


 82, 14.170,
198.517


 72, 14.170,
198.517

 62, 14.170,
198.517

 52, 14.170,
198.517

 42, 14.170,
198.517

 32, 14.170,
198.517

 22, 14.170,

198.517

■ 12, 14.170,
198.517

■ 2, 14.170, 198.517

■ 92, 14.170,
198.517

■ 92, 14.170,
198.517

■ 91, 21.523,
198.021

■ 94, 6.240, 199.086

■ 89, 28.157,
197.594

■ 95, 2.135, 19.245

■ 89, 33.941,
197.229

■ 96, 5.315, 19.628

■ 88, 38.762,
196.930

■ 96, 5.315, 19.617

■ 96, 5.315, 19.606

■ 96, 5.315, 19.594

■ 87, 42.543,
196.698

■ 96, 5.315, 19.583

■ 87, 45.260,
196.533

■ 96, 5.315, 19.572

■ 86, 46.954,
196.430

■ 96, 5.315, 19.560

■ 86, 47.756,
196.381

■ 86, 47.888,
196.373

Harmonies

Complementary

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



92, 14.170, 198.517



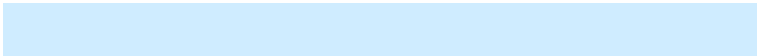
83, 15.891, 20.605

Rectangle

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



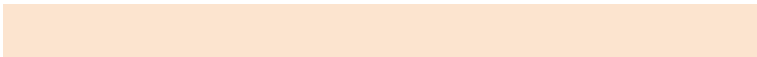
92, 14.170, 198.517



92, 14.170, 248.517



92, 14.170, 18.517



92, 14.170, 68.517

Sweetspot

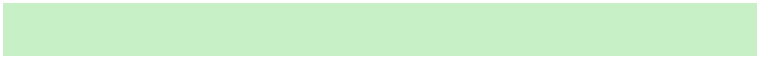
The Sweet Spot groups the original color and five complimentary colors.



92, 14.171, 198.510



99, 4.397, 199.270



91, 26.464, 142.924



53, 2.995, 199.213



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 14.171, 198.510



97, 17.658, 198.328



87, 12.730, 256.053



49, 4.701, 198.959



68, 39.159, 196.373



21, 17.095, 196.375

Inverse Universe

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



83, 15.891, 20.605



86, 20.312, 20.942



88, 13.390, 71.442



47, 4.993, 19.932



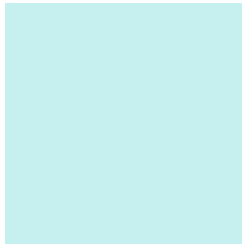
38, 81.699, 39.991



8, 29.836, 23.803

Previews

White Background



This preview shows how the CIE LCh color 92, 14.170, 198.517 looks on a white background.

Color Contrast Check

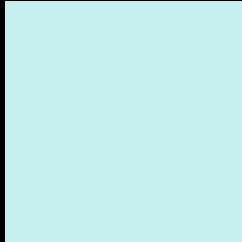
Large Text (above 18pt) WCAG AA × Fail

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 92, 14.170, 198.517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

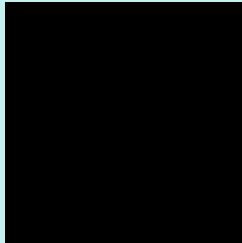
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

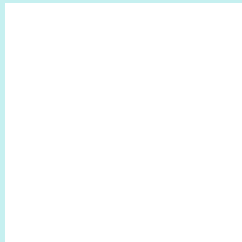
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 14.170, 198.517

Background



This preview shows how black text looks on a background with the CIELCh color 92, 14.170, 198.517.



This preview shows how white text looks on a background with the CIELCh color 92, 14.170, 198.517.

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



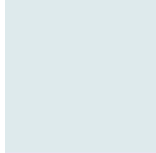


Tritanopia
92, 14.349, 239.519

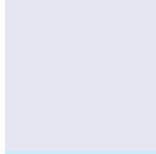
Trichromacy



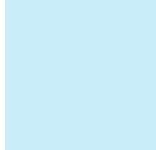
Original Color
92, 14.170, 198.517



Protanomaly
92, 4.299, 213.218

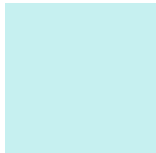


Deuteranomaly
92, 6.220, 290.685

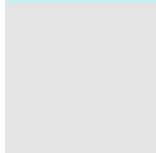


Tritanomaly
92, 13.600, 226.016

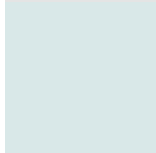
Monochromacy



Original Color
92, 14.170, 198.517



Achromatopsia
91, 0.011, 296.813



Achromatomaly
91, 5.249, 199.166

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 14.170, 198.517 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(198, 240, 240)` looks like.

```
.text, #text, p{  
    color:rgb(198, 240, 240)  
}
```

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(198, 240, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 240, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 14.170, 198.517 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(198, 240, 240) }
```

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

```
.border{ border-color:rgb(198, 240, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 240, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 240, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 240, 240);  
box-shadow:4px 4px 4px 4px rgb(198, 240,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 14.170, 198.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 240, 240) }
```

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

```
.background{ background-color: rgb(198,  
240, 240) }
```

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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