

Converting Colors

CIELCh(92, 14.899, 188.436)

Have a look what the booklet for
CIELCh(92, 14.899, 188.436)
contains.

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Color

CIELCh(92, 14.909, 188.430)

Conversions

Conversions Part 1

Format	Color
Hex	C6F1EC
RGB	198, 241, 236
RGB Percent	78%, 95%, 93%
CMY	0.2248, 0.0562, 0.0758
CMYK	0.18, 0.00, 0.02, 0.06
HSL	173°, 60%, 86%
HSV	173°, 18%, 94%
XYZ	69.6452, 80.7044, 91.0042
YIQ	227.5730, -24.0230, -10.6710

Conversions

Conversions Part 2

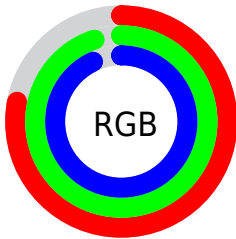
Format	Color
R _Y B	198, 221, 241
Decimal	13038060
CIE Lab	92.00, -14.75, -2.19
CIE LCh	92, 14.909, 188.430
Yxy	80.7044, 0.2886, 0.3344
Android (android.graphics.Color)	4291228140 (0xFFC6F1EC)
YUV	227.5730, 4.1545, -25.9355
Hunter-Lab	89.8356, -18.8299, 2.8237

Details

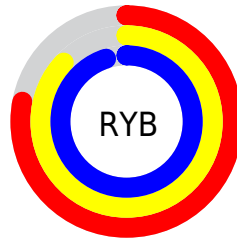
The CIELCh color **92, 14.909, 188.430** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84, 16.331, 11.467**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 15.151, 187.817** is the 20% darker color. If you saturate the color by 10%, you get **91, 22.652, 187.577**, and if you desaturate by 10%, it is **94, 6.698, 189.288**.

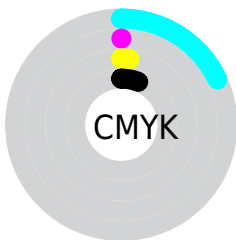
Distribution



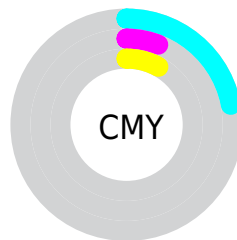
- Red (78%)
- Green (95%)
- Blue (93%)



- Red (78%)
- Yellow (87%)
- Blue (95%)



- Cyan (18%)
- Magenta (0%)
- Yellow (2%)
- Black (6%)



- Cyan (22%)
- Magenta (6%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 14.909, 188.430 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, 14.909, 188.430 by changing the saturation by 10% instead.

■ 92, 14.909,
188.430

■ 92, 14.909,
188.430

■ 100, 14.909,
188.430

■ 82, 14.909,
188.430

■ 72, 14.909,
188.430

■ 62, 14.909,
188.430

■ 52, 14.909,
188.430

■ 42, 14.909,
188.430

■ 32, 14.909,
188.430

■ 22, 14.909,

188.430

■ 12, 14.909,
188.430

■ 2, 14.909, 188.430

■ 92, 14.909,
188.430

■ 92, 14.909,
188.430

■ 91, 22.652,
187.577

■ 94, 6.698, 189.288

■ 89, 29.779,
186.712

■ 95, 1.850, 9.664

■ 88, 36.145,
185.814

■ 96, 5.394, 0.893

■ 87, 41.621,
184.870

■ 96, 6.007, 347.883

■ 96, 6.870, 337.725

■ 96, 7.902, 330.047

■ 87, 46.106,
183.862

■ 96, 8.937, 324.718

■ 86, 49.553,
182.770

■ 86, 51.983,
181.575

■ 86, 53.525,
180.267

■ 86, 53.802,
179.984

Harmonies

Complementary

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



92, 14.909, 188.430



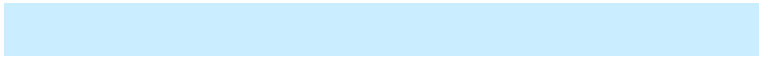
84, 16.331, 11.467

Rectangle

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



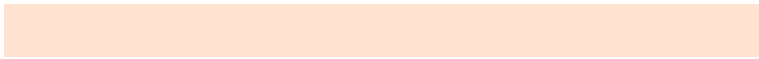
92, 14.909, 188.430



92, 14.909, 238.430



92, 14.909, 8.430



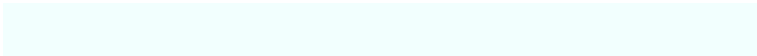
92, 14.909, 58.430

Sweetspot

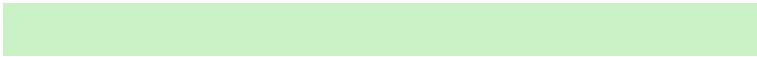
The Sweet Spot groups the original color and five complimentary colors.



92, 14.910, 188.424



99, 4.483, 189.568



91, 26.213, 140.280



53, 3.055, 189.494



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, 14.910, 188.424



96, 18.227, 188.154



88, 12.213, 244.003



49, 4.810, 189.143



67, 43.818, 180.229



20, 18.778, 182.256

Inverse Universe

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



84, 16.331, 11.467



86, 20.318, 11.839



87, 13.249, 60.108



47, 5.042, 10.576



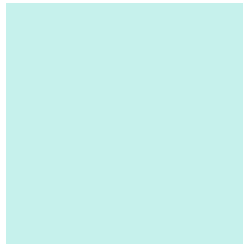
38, 76.693, 34.950



8, 29.283, 19.082

Previews

White Background



This preview shows how the CIE LCh color 92, 14.909, 188.430 looks on a white background.

Color Contrast Check

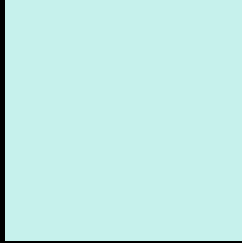
Large Text (above 18pt) WCAG AA × Fail

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 92, 14.909, 188.430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

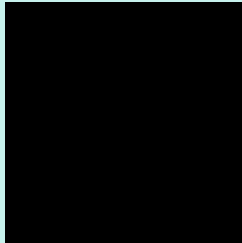
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

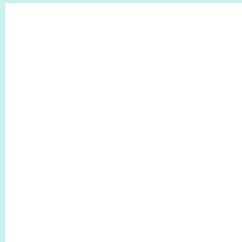
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 14.909, 188.430

Background



This preview shows how black text looks on a background with the CIELCh color 92, 14.909, 188.430.

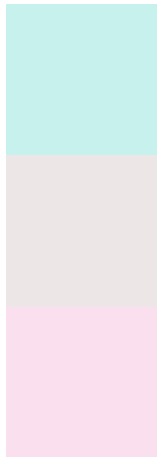


This preview shows how white text looks on a background with the CIELCh color 92, 14.909, 188.430.

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



Original Color

92, 14.909, 188.430

Protanopia

92, 2.147, 19.268

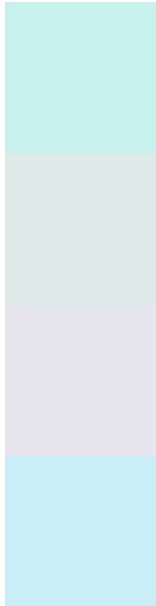
Deuteranopia

92, 12.121, 340.507



Tritanopia
92, 14.112, 240.360

Trichromacy



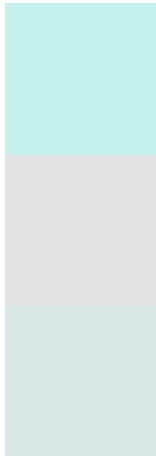
Original Color
92, 14.909, 188.430

Protanomaly
92, 4.360, 185.519

Deuteranomaly
92, 4.170, 295.354

Tritanomaly
92, 12.946, 222.389

Monochromacy



Original Color
92, 14.909, 188.430

Achromatopsia
90, 0.011, 296.813

Achromatomaly
91, 5.726, 188.673

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 14.909, 188.430 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, 241, 236)` looks like.

```
.text, #text, p{  
    color:rgb(198, 241, 236)  
}
```

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, 241, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 241, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 14.909, 188.430 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, 241, 236) }
```

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

```
.border{ border-color:rgb(198, 241, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 241, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 241, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 241, 236);  
box-shadow:4px 4px 4px 4px rgb(198, 241,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 14.909, 188.430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 241, 236) }
```

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

```
.background{ background-color: rgb(198,  
241, 236) }
```

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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