

Converting Colors

CIELCh(92, 15.008, 207.505)

Have a look what the booklet for
CIELCh(92, 15.008, 207.505)
contains.

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Color

CIELCh(92, 14.814, 208.621)

Conversions

Conversions Part 1

Format	Color
Hex	C4F0F5
RGB	196, 240, 245
RGB Percent	77%, 94%, 96%
CMY	0.2311, 0.0585, 0.0389
CMYK	0.20, 0.02, 0.00, 0.04
HSL	186°, 71%, 86%
HSV	186°, 20%, 96%
XYZ	70.4568, 80.7044, 98.3073
YIQ	227.4140, -27.8290, -7.7730

Conversions

Conversions Part 2

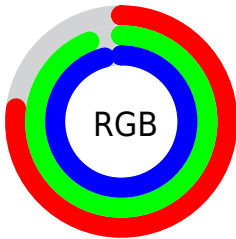
Format	Color
R_{YB}	196, 219, 245
Decimal	12906741
CIE _{Lab}	92.00, -13.00, -7.10
CIE _{LCh}	92, 14.814, 208.621
Y _{xy}	80.7044, 0.2824, 0.3235
Android (android.graphics.Color)	4291096821 (0xFFC4F0F5)
YUV	227.4140, 8.6699, -27.5501
Hunter-Lab	89.8356, -17.2174, -1.9962

Details

The CIELCh color **92, 14.814, 208.621** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85, 16.993, 29.430**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.695, 200.315**, and **72, 14.947, 208.860** is the 20% darker color. If you saturate the color by 10%, you get **90, 21.425, 208.644**, and if you desaturate by 10%, it is **94, 7.631, 208.726**.

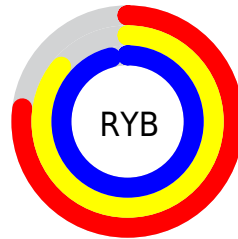
Distribution



Red (77%)

Green (94%)

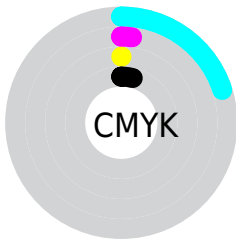
Blue (96%)



Red (77%)

Yellow (86%)

Blue (96%)

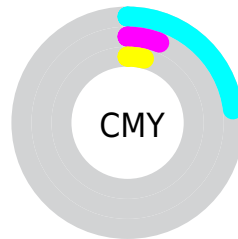


Cyan (20%)

Magenta (2%)

Yellow (0%)

Black (4%)



Cyan (23%)

Magenta (6%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 14.814, 208.621 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, 14.814, 208.621 by changing the saturation by 10% instead.

■ 92, 14.814,
208.621

■ 92, 14.814,
208.621

■ 100, 14.814,
208.621

■ 82, 14.814,
208.621

■ 72, 14.814,
208.621

■ 62, 14.814,
208.621

■ 52, 14.814,
208.621

■ 42, 14.814,
208.621

■ 32, 14.814,
208.621

■ 22, 14.814,

208.621

■ 12, 14.814,
208.621

■ 2, 14.814, 208.621

■ 92, 14.814,
208.621

■ 92, 14.814,
208.621

■ 90, 21.425,
208.644

■ 94, 7.631, 208.726

■ 88, 27.333,
208.824

■ 97, 0.012, 319.877

■ 98, 2.909, 45.255

■ 86, 32.412,
209.183

■ 99, 3.062, 75.194

■ 85, 36.552,
209.757

■ 99, 3.885, 97.078

■ 100, 5.023,

■ 84, 39.677, 109.787
210.585

■ 82, 41.765,
211.710

■ 81, 42.867,
213.170

■ 81, 43.190,
214.953

■ 81, 43.191,
214.955

Harmonies

Complementary

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



92, 14.814, 208.621



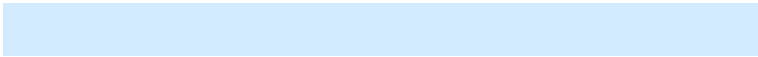
85, 16.993, 29.430

Rectangle

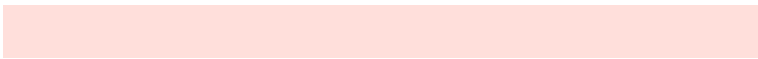
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



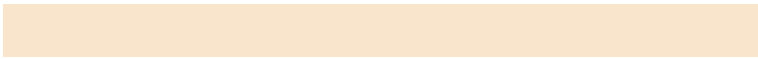
92, 14.814, 208.621



92, 14.814, 258.621



92, 14.814, 28.621



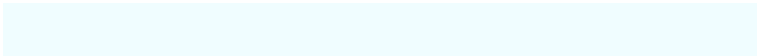
92, 14.814, 78.621

Sweetspot

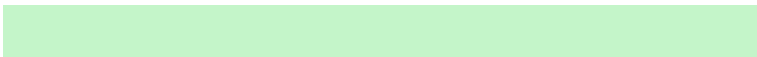
The Sweet Spot groups the original color and five complimentary colors.



92, 14.814, 208.614



99, 4.780, 208.836



92, 28.875, 145.936



52, 3.166, 208.812



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, 14.814, 208.614



94, 18.109, 208.609



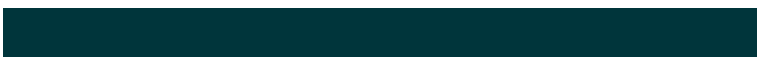
86, 16.577, 268.376



50, 4.341, 208.737



63, 35.180, 214.601



19, 15.812, 211.915

Inverse Universe

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



85, 28.883, 328.494



85, 35.815, 328.738



91, 16.943, 82.807



48, 8.167, 327.860



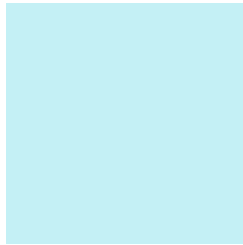
43, 84.212, 332.761



10, 37.839, 332.103

Previews

White Background



This preview shows how the CIE LCh color 92, 14.814, 208.621 looks on a white background.

Color Contrast Check

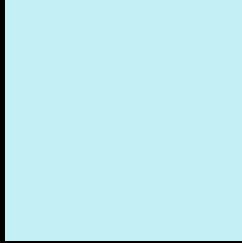
Large Text (above 18pt) WCAG AA × Fail

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, 14.814, 208.621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

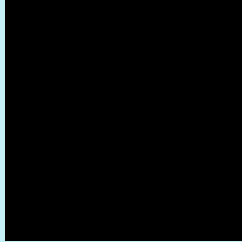
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 14.814, 208.621

Background



This preview shows how black text looks on a background with the CIELCh color 92, 14.814, 208.621.



This preview shows how white text looks on a background with the CIELCh color 92, 14.814, 208.621.

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



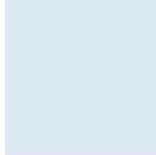


Tritanopia
92, 14.537, 236.200

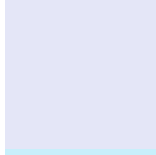
Trichromacy



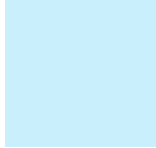
Original Color
92, 14.814, 208.621



Protanomaly
92, 5.983, 236.563



Deuteranomaly
92, 8.824, 286.412

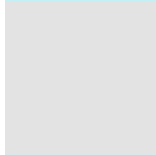


Tritanomaly
92, 14.154, 224.816

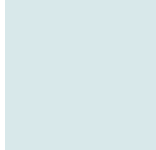
Monochromacy



Original Color
92, 14.814, 208.621



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 5.649, 209.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 14.814, 208.621 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(196, 240, 245)` looks like.

```
.text, #text, p{  
    color:rgb(196, 240, 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(196, 240, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 240, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 14.814, 208.621 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(196, 240, 245) }
```

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

```
.border{ border-color:rgb(196, 240, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 240, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 240, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 240, 245);  
box-shadow:4px 4px 4px 4px rgb(196, 240,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 14.814, 208.621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 240, 245) }
```

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

```
.background{ background-color: rgb(196,  
240, 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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