

Converting Colors

CIELCh(92, 11.663, 238.573)

Have a look what the booklet for
CIELCh(92, 11.663, 238.573)
contains.

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Color

CIELCh(92, 11.748, 240.486)

Conversions

Conversions Part 1

Format	Color
Hex	D1ECFB
RGB	209, 236, 251
RGB Percent	82%, 93%, 98%
CMY	0.1794, 0.0735, 0.0147
CMYK	0.17, 0.06, 0.00, 0.01
HSL	201°, 85%, 90%
HSV	201°, 17%, 99%
XYZ	73.8816, 80.7044, 103.1564
YIQ	229.6370, -20.9070, -1.0590

Conversions

Conversions Part 2

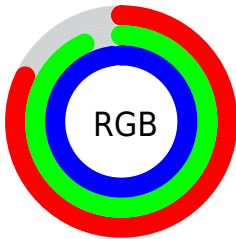
Format	Color
R _{YB}	209, 225, 251
Decimal	13757691
CIE Lab	92.00, -5.79, -10.22
CIE LCh	92, 11.748, 240.486
Yxy	80.7044, 0.2866, 0.3131
Android (android.graphics.Color)	4291947771 (0xFFD1ECFB)
YUV	229.6370, 10.5320, -18.0986
Hunter-Lab	89.8356, -10.4124, -5.1966

Details

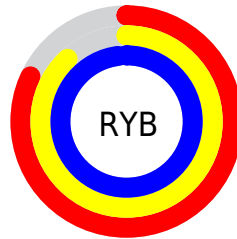
The CIELCh color `92, 11.748, 240.486` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `91, 12.759, 57.136`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 11.636, 240.012` is the 20% darker color. If you saturate the color by 10%, you get `88, 18.384, 241.878`, and if you desaturate by 10%, it is `96, 4.807, 239.400`.

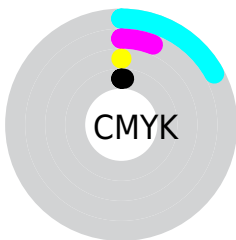
Distribution



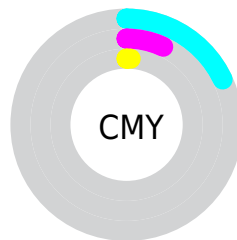
- Red (82%)
- Green (93%)
- Blue (98%)



- Red (82%)
- Yellow (88%)
- Blue (98%)



- Cyan (17%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)





- Cyan (18%)
- Magenta (7%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 11.748, 240.486 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, 11.748, 240.486 by changing the saturation by 10% instead.


 92, 11.748,
240.486


 92, 11.748,
240.486


 100, 11.748,
240.486


 82, 11.748,
240.486


 72, 11.748,
240.486

 62, 11.748,
240.486

 52, 11.748,
240.486

 42, 11.748,
240.486

 32, 11.748,
240.486

 22, 11.748,

240.486

■ 12, 11.748,
240.486

■ 2, 11.748, 240.486

■ 92, 11.748,
240.486

■ 92, 11.748,
240.486

■ 88, 18.384,
241.878

■ 96, 4.807, 239.400

■ 100, 1.506, 99.202

■ 84, 24.648,
243.629

■ 100, 1.890,
109.996

■ 81, 30.472,
245.804

■ 77, 35.808,
248.489

■ 74, 40.643,
251.766

■ 71, 45.018,
255.692

■ 68, 49.052,
260.265

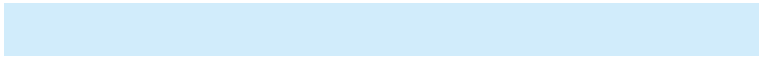
■ 65, 52.935,
265.366

■ 64, 54.243,
267.047

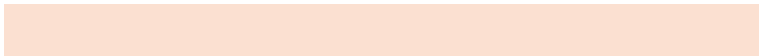
Harmonies

Complementary

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



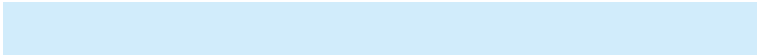
92, 11.748, 240.486



91, 12.759, 57.136

Rectangle

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



92, 11.748, 240.486



92, 11.748, 290.486



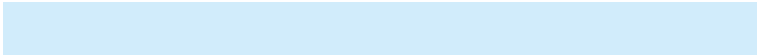
92, 11.748, 60.486



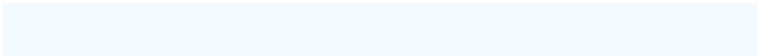
92, 11.748, 110.486

Sweetspot

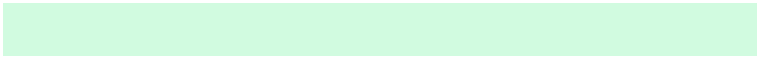
The Sweet Spot groups the original color and five complimentary colors.



92, 11.747, 240.476



98, 3.631, 239.266



95, 20.491, 155.101



52, 2.474, 239.317



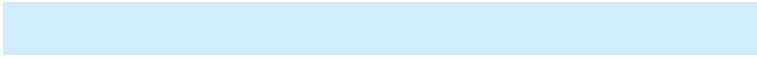
0, 0.000, 0.000



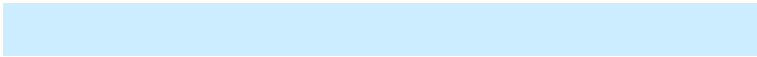
53, 0.007, 296.813

Same Dimension

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



92, 11.747, 240.476



92, 14.130, 240.903



87, 18.785, 285.317



50, 4.030, 239.660



49, 43.220, 266.064



14, 18.032, 258.423

Inverse Universe

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



88, 20.590, 337.922



87, 24.975, 338.191



96, 18.326, 101.390



49, 6.932, 337.346



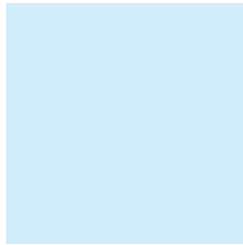
41, 71.154, 349.348



10, 33.043, 345.821

Previews

White Background



This preview shows how the CIE LCh color 92, 11.748, 240.486 looks on a white background.

Color Contrast Check

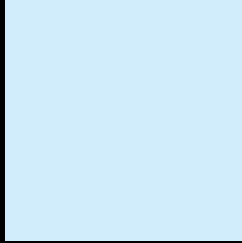
Large Text (above 18pt) WCAG AA × Fail

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, 11.748, 240.486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

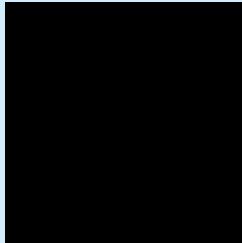
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

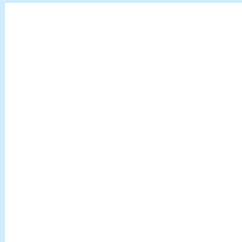
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 11.748, 240.486

Background



This preview shows how black text looks on a background with the CIELCh color 92, 11.748, 240.486.



This preview shows how white text looks on a background with the CIELCh color 92, 11.748, 240.486.

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, 11.748, 240.486

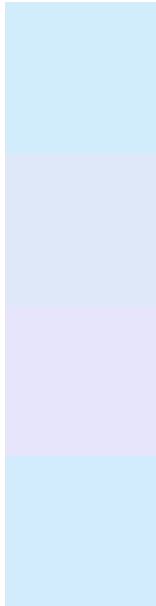
Protanopia
92, 9.337, 293.040

Deuteranopia
92, 16.007, 315.505



Tritanopia
92, 12.537, 247.187

Trichromacy



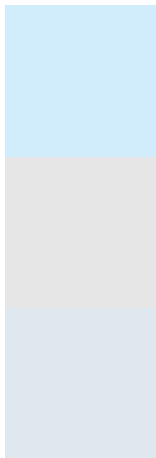
Original Color
92, 11.748, 240.486

Protanomaly
92, 9.260, 271.513

Deuteranomaly
92, 11.952, 294.409

Tritanomaly
92, 12.182, 245.416

Monochromacy



Original Color
92, 11.748, 240.486

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 4.624, 241.643

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 11.748, 240.486 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(209, 236, 251)` looks like.

```
.text, #text, p{  
    color:rgb(209, 236, 251)  
}
```

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(209, 236, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 236, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 11.748, 240.486 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(209, 236, 251) }
```

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

```
.border{ border-color:rgb(209, 236, 251) }
```

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

Here you see how a box with a 4 pixel rgb(209, 236, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 236, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 236, 251);  
box-shadow:4px 4px 4px 4px rgb(209, 236,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 11.748, 240.486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 236, 251) }
```

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

```
.background{ background-color: rgb(209,  
236, 251) }
```

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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