

Converting Colors

CIELCh(90, 10.789, 240.613)

Have a look what the booklet for
CIELCh(90, 10.789, 240.613)
contains.

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Color

CIELCh(90, 10.748, 241.794)

Conversions

Conversions Part 1

Format	Color
Hex	CEE6F4
RGB	206, 230, 244
RGB Percent	81%, 90%, 96%
CMY	0.1919, 0.0977, 0.0428
CMYK	0.16, 0.06, 0.00, 0.04
HSL	202°, 63%, 88%
HSV	202°, 16%, 96%
XYZ	70.1318, 76.3034, 96.6798
YIQ	224.4200, -18.7980, -0.7340

Conversions

Conversions Part 2

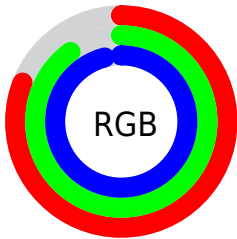
Format	Color
R _{YB}	206, 221, 244
Decimal	13559540
CIE Lab	90.00, -5.08, -9.47
CIE LCh	90, 10.748, 241.794
Yxy	76.3034, 0.2885, 0.3139
Android (android.graphics.Color)	4291749620 (0xFFCEE6F4)
YUV	224.4200, 9.6529, -16.1543
Hunter-Lab	87.3518, -9.5540, -4.4752

Details

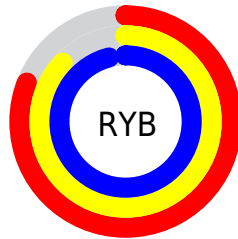
The CIELCh color **90, 10.748, 241.794** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **89, 11.569, 58.559**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 10.852, 240.063** is the 20% darker color. If you saturate the color by 10%, you get **86, 17.310, 243.189**, and if you desaturate by 10%, it is **94, 3.910, 240.715**.

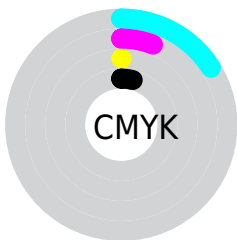
Distribution



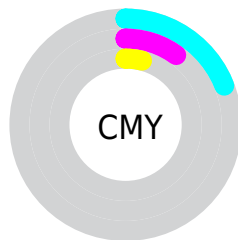
- Red (81%)
- Green (90%)
- Blue (96%)



- Red (81%)
- Yellow (87%)
- Blue (96%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)





- Cyan (19%)
- Magenta (10%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 10.748, 241.794 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 90, 10.748, 241.794 by changing the saturation by 10% instead.


 90, 10.748,
241.794


 90, 10.748,
241.794


 100, 10.748,
241.794


 80, 10.748,
241.794


 70, 10.748,
241.794

 60, 10.748,
241.794

 50, 10.748,
241.794

 40, 10.748,
241.794

 30, 10.748,
241.794

 20, 10.748,

241.794

■ 10, 10.748,
241.794

■ 0, 10.748, 241.794

■ 90, 10.748,
241.794

■ 90, 10.748,
241.794

■ 86, 17.310,
243.189

■ 94, 3.910, 240.715

■ 82, 23.535,
244.940

■ 98, 3.140, 59.461

■ 79, 29.360,
247.106

■ 100, 5.527,
109.751

■ 75, 34.738,
249.770

■ 72, 39.656,
253.013

■ 68, 44.152,
256.892

■ 65, 48.332,
261.405

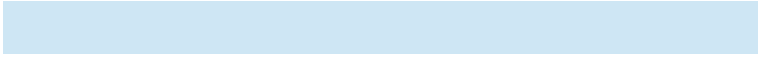
■ 63, 52.373,
266.445

■ 61, 54.204,
268.712

Harmonies

Complementary

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



90, 10.748, 241.794



89, 11.569, 58.559

Rectangle

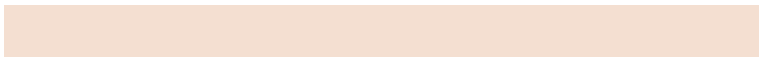
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 10.748, 241.794



90, 10.748, 291.794



90, 10.748, 61.794



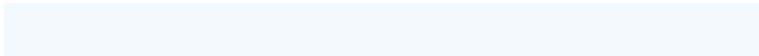
90, 10.748, 111.794

Sweetspot

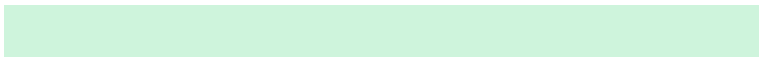
The Sweet Spot groups the original color and five complimentary colors.



90, 10.747, 241.784



98, 3.641, 240.672



93, 18.404, 155.920



52, 2.481, 240.726



0, 0.000, 0.000



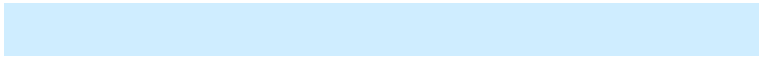
53, 0.007, 296.813

Same Dimension

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



90, 10.747, 241.784



92, 13.503, 242.236



85, 17.377, 286.013



49, 3.974, 241.083



48, 43.695, 267.767



13, 17.758, 259.723

Inverse Universe

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



87, 18.569, 338.340



88, 23.530, 338.625



94, 16.953, 102.430



48, 6.761, 337.850



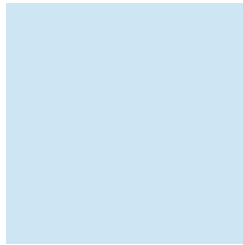
41, 70.034, 350.243



9, 32.001, 346.373

Previews

White Background



This preview shows how the CIE LCh color 90, 10.748, 241.794 looks on a white background.

Color Contrast Check

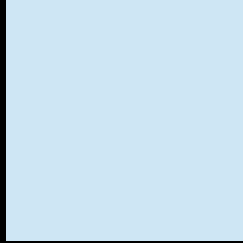
Large Text (above 18pt) WCAG AA × Fail

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 90, 10.748, 241.794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

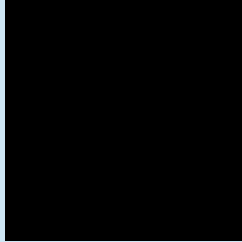
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

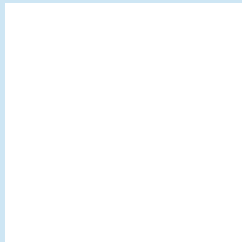
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 10.748, 241.794

Background



This preview shows how black text looks on a background with the CIELCh color 90, 10.748, 241.794.



This preview shows how white text looks on a background with the CIELCh color 90, 10.748, 241.794.

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](#).

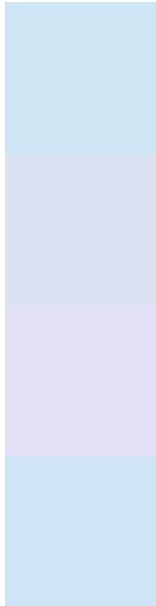
Dichromacy





Tritanopia
90, 12.167, 253.622

Trichromacy



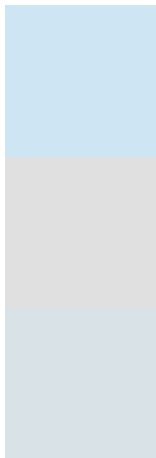
Original Color
90, 10.748, 241.794

Protanomaly
90, 8.216, 271.243

Deuteranomaly
90, 10.995, 296.463

Tritanomaly
90, 11.769, 251.995

Monochromacy



Original Color
90, 10.748, 241.794

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 4.055, 239.351

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 10.748, 241.794 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(206, 230, 244)` looks like.

```
.text, #text, p{  
    color:rgb(206, 230, 244)  
}
```

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(206, 230, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 230, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 10.748, 241.794 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(206, 230, 244) }
```

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

```
.border{ border-color:rgb(206, 230, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 230, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 230, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 230, 244);  
box-shadow:4px 4px 4px 4px rgb(206, 230,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 10.748, 241.794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 230, 244) }
```

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

```
.background{ background-color: rgb(206,  
230, 244) }
```

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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