

Converting Colors

CIELCh(90, 13.177, 259.817)

Have a look what the booklet for
CIELCh(90, 13.177, 259.817)
contains.

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Color

CIELCh(90, 13.245, 259.126)

Conversions

Conversions Part 1

Format	Color
Hex	D0E5FB
RGB	208, 229, 251
RGB Percent	82%, 90%, 98%
CMY	0.1849, 0.1025, 0.0163
CMYK	0.17, 0.09, 0.00, 0.02
HSL	211°, 84%, 90%
HSV	211°, 17%, 98%
XYZ	71.3407, 76.3034, 102.1129
YIQ	225.2290, -19.5780, 2.3900

Conversions

Conversions Part 2

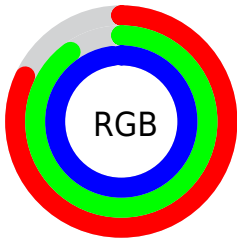
Format	Color
R _Y B	208, 222, 251
Decimal	13690363
CIE Lab	90.00, -2.50, -13.01
CIE LCh	90, 13.245, 259.126
Yxy	76.3034, 0.2856, 0.3055
Android (android.graphics.Color)	4291880443 (0xFFD0E5FB)
YUV	225.2290, 12.7051, -15.1098
Hunter-Lab	87.3518, -7.0837, -8.1628

Details

The CIELCh color `90, 13.245, 259.126` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 13.805, 74.486`, 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 `70, 12.950, 257.112` is the 20% darker color. If you saturate the color by 10%, you get `85, 20.865, 260.890`, and if you desaturate by 10%, it is `95, 5.542, 257.662`.

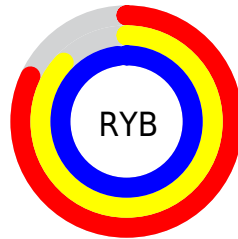
Distribution



Red (82%)

Green (90%)

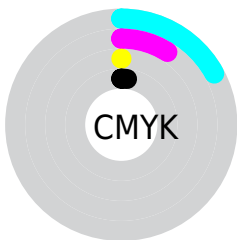
Blue (98%)



Red (82%)

Yellow (87%)

Blue (98%)

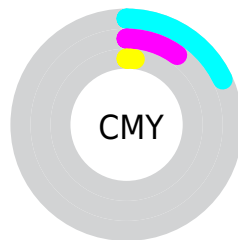


Cyan (17%)

Magenta (9%)

Yellow (0%)

Black (2%)



Cyan (18%)


Magenta (10%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 13.245, 259.126 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, 13.245, 259.126 by changing the saturation by 10% instead.


 90, 13.245,
259.126


 90, 13.245,
259.126


 100, 13.245,
259.126


 80, 13.245,
259.126

 70, 13.245,
259.126

 60, 13.245,
259.126

 50, 13.245,
259.126

 40, 13.245,
259.126

 30, 13.245,
259.126

 20, 13.245,

259.126

■ 10, 13.245,
259.126

■ 0, 13.245, 259.126

■ 90, 13.245,
259.126

■ 90, 13.245,
259.126

■ 85, 20.865,
260.890

■ 95, 5.542, 257.662

■ 80, 28.379,
263.006

100, 1.857,
104.841

■ 75, 35.771,
265.526

100, 2.091,
109.985

■ 71, 43.045,
268.505

■ 66, 50.236,
271.978

■ 62, 57.422,
275.934

■ 58, 64.708,
280.284

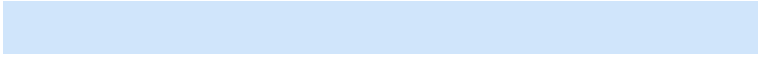
■ 54, 72.202,
284.835

■ 53, 74.404,
286.086

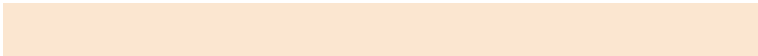
Harmonies

Complementary

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



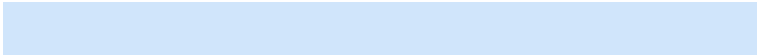
90, 13.245, 259.126



92, 13.805, 74.486

Rectangle

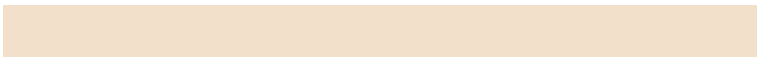
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 13.245, 259.126



90, 13.245, 309.126



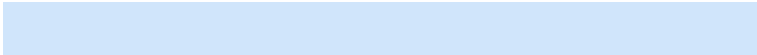
90, 13.245, 79.126



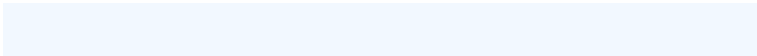
90, 13.245, 129.126

Sweetspot

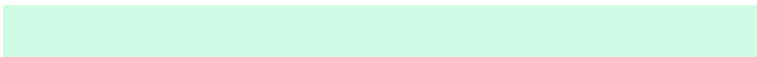
The Sweet Spot groups the original color and five complimentary colors.



90, 13.244, 259.119



97, 3.938, 257.406



95, 18.737, 162.171



52, 2.685, 257.486



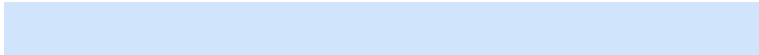
0, 0.000, 0.000



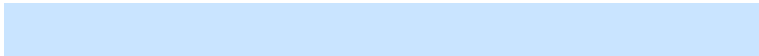
53, 0.007, 296.813

Same Dimension

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



90, 13.244, 259.119



89, 16.414, 259.768



85, 22.668, 292.086



50, 4.394, 257.974



40, 59.022, 285.256



11, 23.434, 278.444

Inverse Universe

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



88, 19.008, 345.774



86, 23.687, 346.165



98, 21.787, 108.506



49, 6.230, 345.041



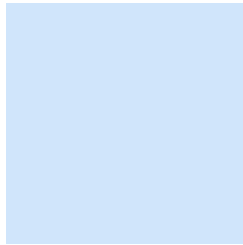
41, 67.465, 3.173



10, 30.961, 357.132

Previews

White Background



This preview shows how the CIE LCh color 90, 13.245, 259.126 looks on a white background.

Color Contrast Check

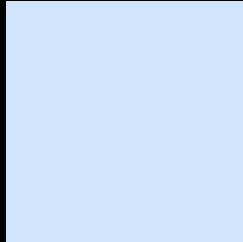
Large Text (above 18pt) WCAG AA × Fail

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, 13.245, 259.126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

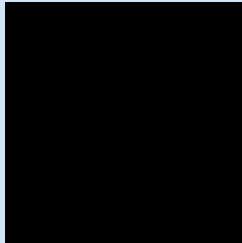
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

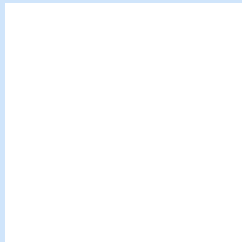
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 13.245, 259.126

Background



This preview shows how black text looks on a background with the CIELCh color 90, 13.245, 259.126.



This preview shows how white text looks on a background with the CIELCh color 90, 13.245, 259.126.

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
90, 13.245, 259.126

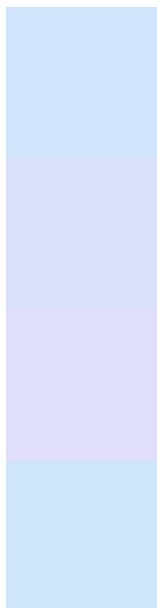
Protanopia
90, 11.961, 289.510

Deuteranopia
90, 18.116, 309.139



Tritanopia
90, 12.167, 253.622

Trichromacy



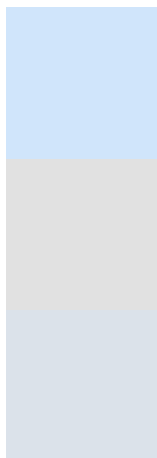
Original Color
90, 13.245, 259.126

Protanomaly
90, 12.206, 278.310

Deuteranomaly
90, 15.151, 295.254

Tritanomaly
90, 12.574, 255.148

Monochromacy



Original Color
90, 13.245, 259.126

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 4.792, 259.854

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 13.245, 259.126 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(208, 229, 251)` looks like.

```
.text, #text, p{  
    color:rgb(208, 229, 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(208, 229, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 229, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 13.245, 259.126 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(208, 229, 251) }
```

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

```
.border{ border-color:rgb(208, 229, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 229, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 229, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 229, 251);  
box-shadow:4px 4px 4px 4px rgb(208, 229,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 13.245, 259.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 229, 251) }
```

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

```
.background{ background-color: rgb(208,  
229, 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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