

Converting Colors

CIELCh(90, 10.842, 260.979)

Have a look what the booklet for
CIELCh(90, 10.842, 260.979)
contains.

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Color

CIELCh(90, 11.142, 261.928)

Conversions

Conversions Part 1

Format	Color
Hex	D4E4F7
RGB	212, 228, 247
RGB Percent	83%, 89%, 97%
CMY	0.1681, 0.1053, 0.0308
CMYK	0.14, 0.08, 0.00, 0.03
HSL	213°, 69%, 90%
HSV	213°, 14%, 97%
XYZ	71.7816, 76.3034, 99.0526
YIQ	225.3820, -15.6350, 2.5170

Conversions

Conversions Part 2

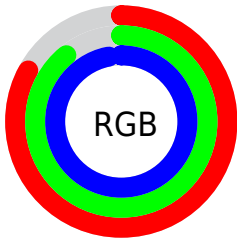
Format	Color
R _Y B	212, 223, 247
Decimal	13952247
CIE Lab	90.00, -1.56, -11.03
CIE LCh	90, 11.142, 261.928
Yxy	76.3034, 0.2905, 0.3087
Android (android.graphics.Color)	4292142327 (0xFFD4E4F7)
YUV	225.3820, 10.6577, -11.7360
Hunter-Lab	87.3518, -6.1828, -6.0856

Details

The CIELCh color `90, 11.142, 261.928` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 11.438, 78.072`, 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, 11.206, 261.075` is the 20% darker color. If you saturate the color by 10%, you get `85, 18.971, 263.609`, and if you desaturate by 10%, it is `95, 3.283, 260.559`.

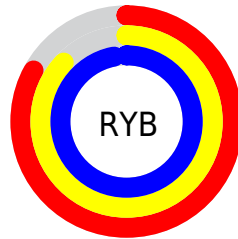
Distribution



Red (83%)

Green (89%)

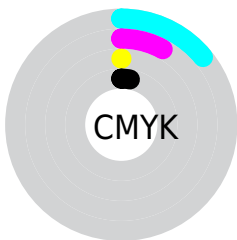
Blue (97%)



Red (83%)

Yellow (87%)

Blue (97%)

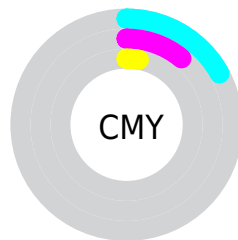


Cyan (14%)

Magenta (8%)

Yellow (0%)

Black (3%)



Cyan (17%)


Magenta (11%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 11.142, 261.928 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, 11.142, 261.928 by changing the saturation by 10% instead.


 90, 11.142,
261.928


 90, 11.142,
261.928


 100, 11.142,
261.928


 80, 11.142,
261.928


 70, 11.142,
261.928

 60, 11.142,
261.928

 50, 11.142,
261.928

 40, 11.142,
261.928

 30, 11.142,
261.928

 20, 11.142,

261.928

■ 10, 11.142,
261.928

■ 0, 11.142, 261.928

■ 90, 11.142,
261.928

■ 90, 11.142,
261.928

■ 85, 18.971,
263.609

■ 95, 3.283, 260.559

■ 80, 26.755,
265.622

■ 100, 3.960,
109.711

■ 75, 34.481,
268.008

■ 100, 3.975,
109.862

■ 70, 42.155,
270.822

■ 65, 49.807,
274.099

■ 61, 57.503,
277.837

■ 56, 65.331,
281.964

■ 52, 73.370,
286.319

■ 50, 78.184,
288.812

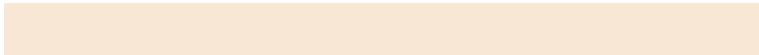
Harmonies

Complementary

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



90, 11.142, 261.928



92, 11.438, 78.072

Rectangle

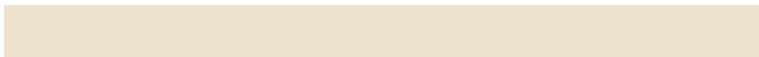
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 11.142, 261.928



90, 11.142, 311.928



90, 11.142, 81.928



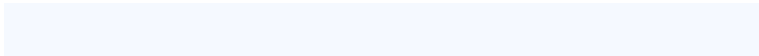
90, 11.142, 131.928

Sweetspot

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



90, 11.141, 261.919



98, 3.236, 260.543



94, 14.935, 164.266



52, 2.299, 260.624



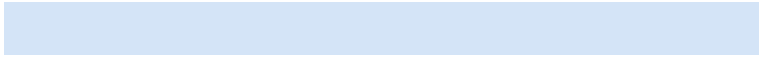
0, 0.000, 0.000



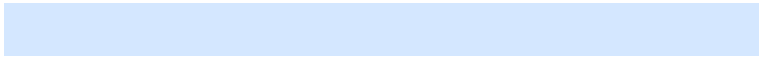
53, 0.007, 296.813

Same Dimension

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



90, 11.141, 261.919



91, 13.710, 262.373



86, 18.403, 292.937



48, 4.440, 261.231



38, 62.052, 288.013



10, 23.918, 281.102

Inverse Universe

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



88, 15.163, 347.264



89, 18.732, 347.552



96, 17.813, 110.187



48, 6.001, 346.805



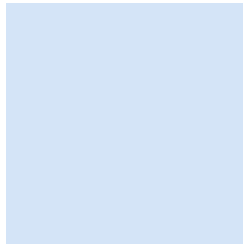
40, 66.645, 6.137



9, 29.919, 359.298

Previews

White Background



This preview shows how the CIE LCh color 90, 11.142, 261.928 looks on a white background.

Color Contrast Check

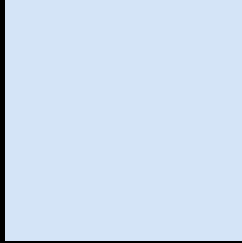
Large Text (above 18pt) WCAG AA × Fail

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, 11.142, 261.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

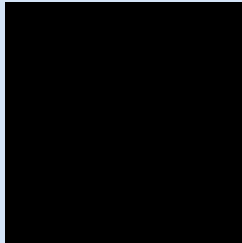
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

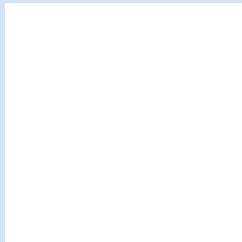
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 11.142, 261.928

Background



This preview shows how black text looks on a background with the CIELCh color 90, 11.142, 261.928.



This preview shows how white text looks on a background with the CIELCh color 90, 11.142, 261.928.

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](#).

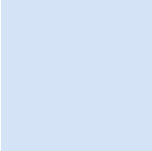
Dichromacy



Original Color
90, 11.142, 261.928

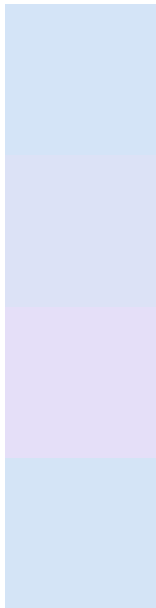
Protanopia
90, 10.403, 291.023

Deuteranopia
90, 16.408, 313.651



Tritanopia
90, 10.698, 260.489

Trichromacy



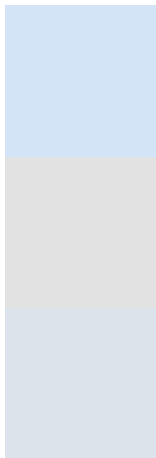
Original Color
90, 11.142, 261.928

Protanomaly
90, 10.559, 279.827

Deuteranomaly
90, 13.210, 300.202

Tritanomaly
90, 10.698, 260.489

Monochromacy



Original Color
90, 11.142, 261.928

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 4.173, 260.275

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 11.142, 261.928 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(212, 228, 247)` looks like.

```
.text, #text, p{  
    color:rgb(212, 228, 247)  
}
```

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(212, 228, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 228, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 11.142, 261.928 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(212, 228, 247) }
```

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

```
.border{ border-color:rgb(212, 228, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 228, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 228, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 228, 247);  
box-shadow:4px 4px 4px 4px rgb(212, 228,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 11.142, 261.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 228, 247) }
```

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

```
.background{ background-color: rgb(212,  
228, 247) }
```

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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