

Converting Colors

CIELCh(91, 12.093, 254.352)

Have a look what the booklet for
CIELCh(91, 12.093, 254.352)
contains.

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Color

CIELCh(91, 11.955, 254.868)

Conversions

Conversions Part 1

Format	Color
Hex	D3E8FB
RGB	211, 232, 251
RGB Percent	83%, 91%, 98%
CMY	0.1728, 0.0904, 0.0159
CMYK	0.16, 0.08, 0.00, 0.02
HSL	208°, 83%, 91%
HSV	208°, 16%, 98%
XYZ	73.0920, 78.4833, 102.5163
YIQ	227.8870, -18.6150, 1.4570

Conversions

Conversions Part 2

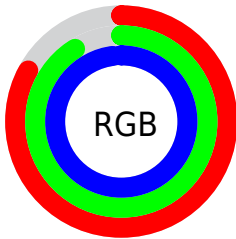
Format	Color
R _Y B	211, 225, 251
Decimal	13887739
CIE Lab	91.00, -3.12, -11.54
CIE LCh	91, 11.955, 254.868
Yxy	78.4833, 0.2877, 0.3089
Android (android.graphics.Color)	4292077819 (0xFFD3E8FB)
YUV	227.8870, 11.3947, -14.8099
Hunter-Lab	88.5908, -7.7622, -6.5961

Details

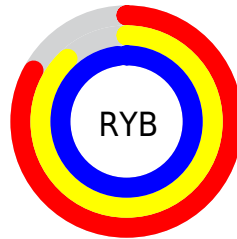
The CIELCh color `91, 11.955, 254.868` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 12.540, 70.707`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 11.875, 255.250` is the 20% darker color. If you saturate the color by 10%, you get `86, 19.287, 256.554`, and if you desaturate by 10%, it is `96, 4.489, 253.493`.

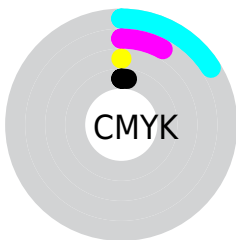
Distribution



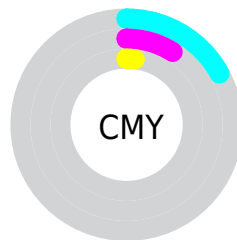
- Red (83%)
- Green (91%)
- Blue (98%)



- Red (83%)
- Yellow (88%)
- Blue (98%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (17%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 11.955, 254.868 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 91, 11.955, 254.868 by changing the saturation by 10% instead.

■ 91, 11.955,
254.868

■ 91, 11.955,
254.868

■ 100, 11.955,
254.868

■ 81, 11.955,
254.868

■ 71, 11.955,
254.868

■ 61, 11.955,
254.868

■ 51, 11.955,
254.868

■ 41, 11.955,
254.868

■ 31, 11.955,
254.868

■ 21, 11.955,

254.868

■ 11, 11.955,
254.868

■ 1, 11.955, 254.868

■ 91, 11.955,
254.868

■ 91, 11.955,
254.868

■ 86, 19.287,
256.554

■ 96, 4.489, 253.493

■ 82, 26.452,
258.597

100, 2.045,
109.987

■ 77, 33.421,
261.048

■ 73, 40.185,
263.972

■ 68, 46.767,
267.417

■ 64, 53.235,
271.390

■ 60, 59.703,
275.826

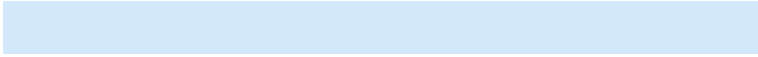
■ 57, 66.309,
280.559

■ 55, 69.075,
282.444

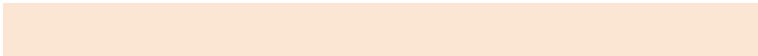
Harmonies

Complementary

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



91, 11.955, 254.868



92, 12.540, 70.707

Rectangle

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



91, 11.955, 254.868



91, 11.955, 304.868



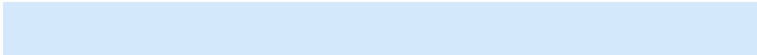
91, 11.955, 74.868



91, 11.955, 124.868

Sweetspot

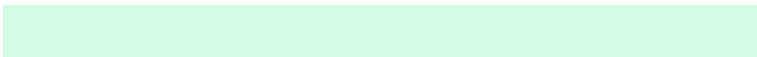
The Sweet Spot groups the original color and five complimentary colors.



91, 11.954, 254.859



98, 3.832, 253.390



95, 17.873, 160.568



52, 2.613, 253.466



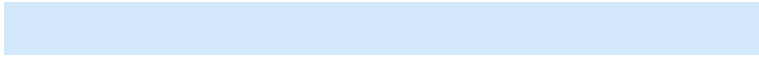
0, 0.000, 0.000



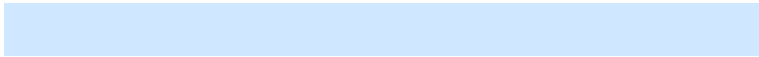
53, 0.007, 296.813

Same Dimension

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



91, 11.954, 254.859



91, 14.400, 255.347



86, 20.310, 290.616



50, 4.270, 253.934



42, 54.825, 281.569



12, 21.946, 274.461

Inverse Universe

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



88, 18.086, 343.653



88, 21.901, 343.945



97, 19.625, 107.221



49, 6.385, 343.063



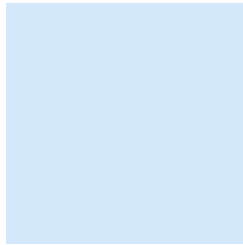
41, 67.906, 359.702



10, 31.321, 354.263

Previews

White Background



This preview shows how the CIE LCh color 91, 11.955, 254.868 looks on a white background.

Color Contrast Check

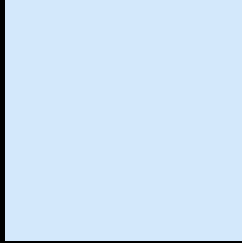
Large Text (above 18pt) WCAG AA × Fail

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 91, 11.955, 254.868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

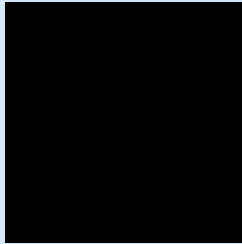
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

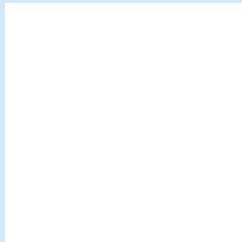
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 11.955, 254.868

Background



This preview shows how black text looks on a background with the CIELCh color 91, 11.955, 254.868.



This preview shows how white text looks on a background with the CIELCh color 91, 11.955, 254.868.

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](#).

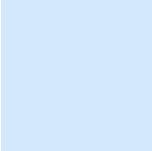
Dichromacy



Original Color
91, 11.955, 254.868

Protanopia
91, 10.904, 291.057

Deuteranopia
91, 16.721, 311.867



Tritanopia
91, 11.550, 253.263

Trichromacy



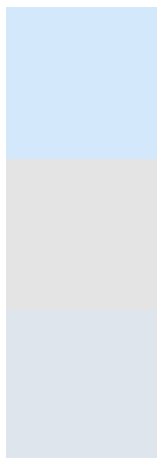
Original Color
91, 11.955, 254.868

Protanomaly
91, 10.671, 276.232

Deuteranomaly
91, 13.562, 295.587

Tritanomaly
91, 11.550, 253.263

Monochromacy



Original Color
91, 11.955, 254.868

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 4.345, 256.267

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 11.955, 254.868 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(211, 232, 251)` looks like.

```
.text, #text, p{  
    color:rgb(211, 232, 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(211, 232, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 232, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 11.955, 254.868 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(211, 232, 251) }
```

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

```
.border{ border-color:rgb(211, 232, 251) }
```

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

Here you see how a box with a 4 pixel rgb(211, 232, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 232, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 232, 251);  
box-shadow:4px 4px 4px 4px rgb(211, 232,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 11.955, 254.868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 232, 251) }
```

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

```
.background{ background-color: rgb(211,  
232, 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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