

Converting Colors

CIELCh(91, 12.190, 291.117)

Have a look what the booklet for
CIELCh(91, 12.190, 291.117)
contains.

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Color

CIELCh(91, 12.460, 291.179)

Conversions

Conversions Part 1

Format	Color
Hex	E3E3FB
RGB	227, 227, 251
RGB Percent	89%, 89%, 98%
CMY	0.1085, 0.1085, 0.0144
CMYK	0.10, 0.10, 0.00, 0.01
HSL	240°, 77%, 94%
HSV	240°, 10%, 99%
XYZ	76.8017, 78.4833, 102.6386
YIQ	229.7360, -7.7040, 7.4640

Conversions

Conversions Part 2

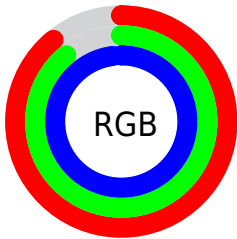
Format	Color
R _Y B	227, 227, 251
Decimal	14935035
CIE Lab	91.00, 4.50, -11.62
CIE LCh	91, 12.460, 291.179
Yxy	78.4833, 0.2978, 0.3043
Android (android.graphics.Color)	4293125115 (0xFFE3E3FB)
YUV	229.7360, 10.4832, -2.3995
Hunter-Lab	88.5908, -0.2876, -6.6780

Details

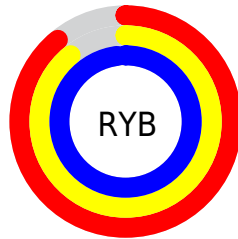
The CIELCh color `91, 12.460, 291.179` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `98, 12.181, 109.242`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 12.027, 291.361` is the 20% darker color. If you saturate the color by 10%, you get `83, 26.025, 292.397`, and if you desaturate by 10%, it is `99, 0.562, 109.995`.

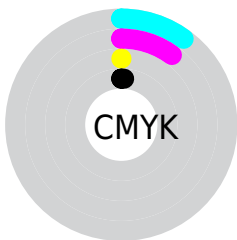
Distribution



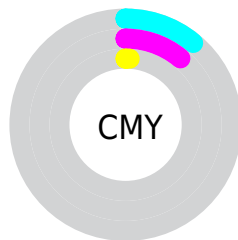
- Red (89%)
- Green (89%)
- Blue (98%)



- Red (89%)
- Yellow (89%)
- Blue (98%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (1%)



- Cyan (11%)
- Magenta (11%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 12.460, 291.179 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, 12.460, 291.179 by changing the saturation by 10% instead.

91, 12.460,
291.179

91, 12.460,
291.179

100, 12.460,
291.179

81, 12.460,
291.179

71, 12.460,
291.179

61, 12.460,
291.179

51, 12.460,
291.179

41, 12.460,
291.179

31, 12.460,
291.179

21, 12.460,

291.179

■ 11, 12.460,
291.179

■ 1, 12.460, 291.179

■ 91, 12.460,
291.179

■ 91, 12.460,
291.179

■ 83, 26.025,
292.397

■ 99, 0.562, 109.995

■ 75, 40.183,
293.843

100, 1.851,
109.998

■ 67, 54.961,
295.537

■ 59, 70.338,
297.484

■ 51, 86.132,
299.644

■ 44, 101.781,
301.884

■ 38, 115.990,
303.946

■ 34, 126.627,
305.476

■ 32, 132.151,
306.259

Harmonies

Complementary

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



91, 12.460, 291.179



98, 12.181, 109.242

Rectangle

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



91, 12.460, 291.179



91, 12.460, 341.179



91, 12.460, 111.179



91, 12.460, 161.179

Sweetspot

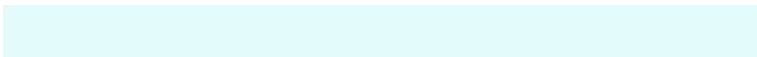
The Sweet Spot groups the original color and five complimentary colors.



91, 12.458, 291.174



98, 3.915, 290.489



97, 8.222, 197.529



52, 2.971, 290.566



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, 12.458, 291.174



91, 14.559, 291.339



92, 13.124, 308.913



48, 7.379, 291.167



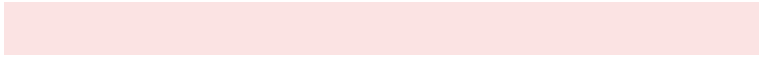
23, 106.704, 306.286



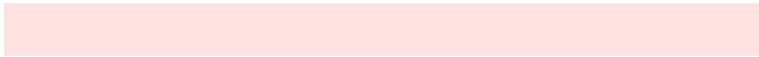
3, 42.023, 300.805

Inverse Universe

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



92, 8.724, 19.938



92, 10.226, 20.055



97, 12.937, 128.063



49, 5.167, 19.933



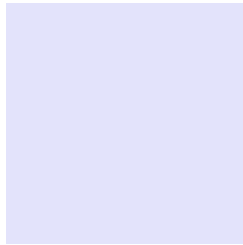
39, 83.387, 39.996



9, 32.195, 26.135

Previews

White Background



This preview shows how the CIE LCh color 91, 12.460, 291.179 looks on a white background.

Color Contrast Check

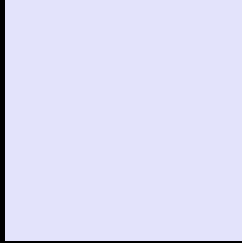
Large Text (above 18pt) WCAG AA × Fail

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, 12.460, 291.179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

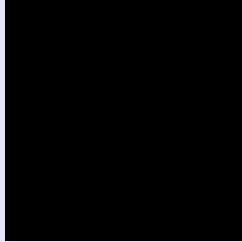
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 12.460, 291.179

Background



This preview shows how black text looks on a background with the CIELCh color 91, 12.460, 291.179.

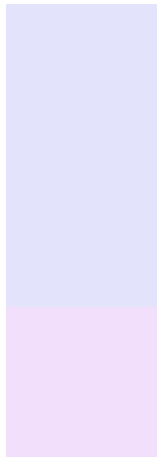


This preview shows how white text looks on a background with the CIELCh color 91, 12.460, 291.179.

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, 12.460, 291.179

Protanopia

91, 11.931, 289.497

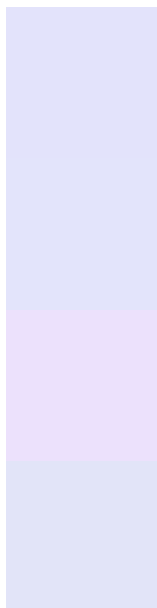
Deuteranopia

91, 16.368, 313.645



Tritanopia
91, 9.355, 286.715

Trichromacy



Original Color
91, 12.460, 291.179

Protanomaly
91, 11.931, 289.497

Deuteranomaly
91, 14.576, 306.309

Tritanomaly
91, 10.389, 287.231

Monochromacy



Original Color
91, 12.460, 291.179

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 4.672, 290.567

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 12.460, 291.179 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(227, 227, 251)` looks like.

```
.text, #text, p{  
    color:rgb(227, 227, 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(227, 227, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 227, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 12.460, 291.179 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(227, 227, 251) }
```

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

```
.border{ border-color:rgb(227, 227, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 227, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 227, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 227, 251);  
box-shadow:4px 4px 4px 4px rgb(227, 227,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 12.460, 291.179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 227, 251) }
```

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

```
.background{ background-color: rgb(227,  
227, 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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