

Converting Colors

CIELCh(91, 16.411, 216.451)

Have a look what the booklet for
CIELCh(91, 16.411, 216.451)
contains.

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Color

CIELCh(91, 16.329, 215.156)

Conversions

Conversions Part 1

Format	Color
Hex	BEEEF7
RGB	190, 238, 247
RGB Percent	75%, 93%, 97%
CMY	0.2565, 0.0683, 0.0330
CMYK	0.23, 0.04, 0.00, 0.03
HSL	189°, 77%, 86%
HSV	189°, 23%, 97%
XYZ	68.3038, 78.4833, 99.1981
YIQ	224.6740, -31.4970, -7.3770

Conversions

Conversions Part 2

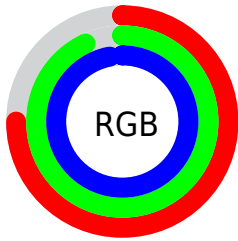
Format	Color
R _Y B	190, 216, 247
Decimal	12513015
CIE Lab	91.00, -13.35, -9.40
CIE LCh	91, 16.329, 215.156
Yxy	78.4833, 0.2777, 0.3191
Android (android.graphics.Color)	4290703095 (0xFFBEEEF7)
YUV	224.6740, 11.0067, -30.4091
Hunter-Lab	88.5908, -17.4098, -4.3754

Details

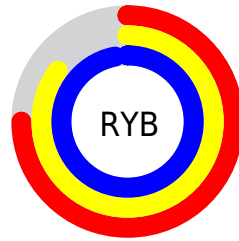
The CIELCh color **91, 16.329, 215.156** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84, 19.160, 34.886**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 2.770, 199.469**, and **71, 16.456, 215.731** is the 20% darker color. If you saturate the color by 10%, you get **89, 22.524, 215.573**, and if you desaturate by 10%, it is **94, 9.559, 214.916**.

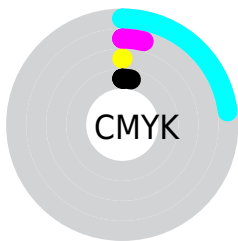
Distribution



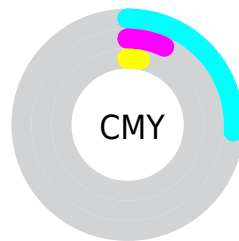
- Red (75%)
- Green (93%)
- Blue (97%)



- Red (75%)
- Yellow (85%)
- Blue (97%)



- Cyan (23%)
- Magenta (4%)
- Yellow (0%)
- Black (3%)



- Cyan (26%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 16.329, 215.156 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, 16.329, 215.156 by changing the saturation by 10% instead.

91, 16.329,
215.156

91, 16.329,
215.156

100, 16.329,
215.156

81, 16.329,
215.156

71, 16.329,
215.156

61, 16.329,
215.156

51, 16.329,
215.156

41, 16.329,
215.156

31, 16.329,
215.156

21, 16.329,

215.156

■ 11, 16.329,
215.156

■ 1, 16.329, 215.156

■ 91, 16.329,
215.156

■ 91, 16.329,
215.156

■ 89, 22.524,
215.573

■ 94, 9.559, 214.916

■ 96, 2.329, 214.998

■ 86, 28.021,
216.220

■ 98, 2.430, 53.316

■ 84, 32.704,
217.141

■ 99, 3.383, 98.732

■ 82, 36.477,
218.397

■ 100, 4.262,
109.841

■ 81, 39.285,
220.059

■ 79, 41.134,
222.196

■ 78, 42.117,
224.866

■ 77, 42.445,
226.975

Harmonies

Complementary

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



91, 16.329, 215.156



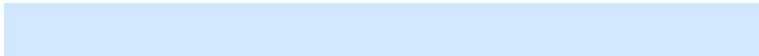
84, 19.160, 34.886

Rectangle

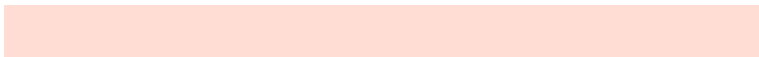
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



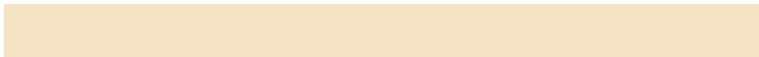
91, 16.329, 215.156



91, 16.329, 265.156



91, 16.329, 35.156



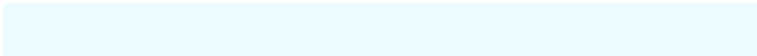
91, 16.329, 85.156

Sweetspot

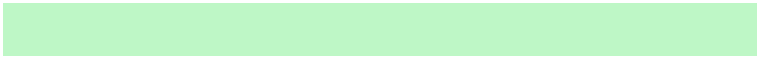
The Sweet Spot groups the original color and five complimentary colors.



91, 16.329, 215.150



98, 5.331, 214.881



92, 32.383, 147.214



52, 3.458, 214.878



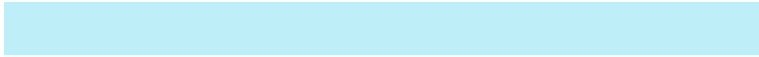
0, 0.000, 0.000



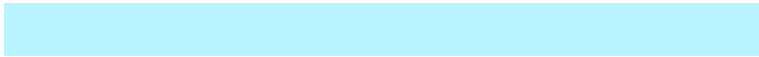
53, 0.007, 296.813

Same Dimension

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



91, 16.329, 215.150



93, 19.969, 215.334



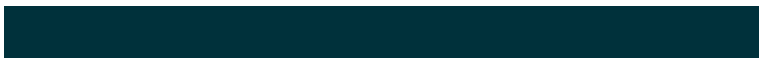
84, 20.416, 273.212



50, 4.160, 214.881



60, 34.375, 226.375



18, 15.348, 221.881

Inverse Universe

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



83, 32.292, 330.514



83, 40.182, 330.831



91, 20.622, 86.775



48, 7.854, 329.647



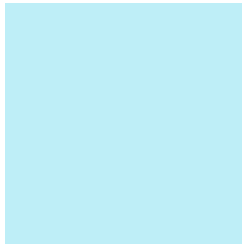
43, 80.641, 335.702



10, 36.435, 334.562

Previews

White Background



This preview shows how the CIE LCh color 91, 16.329, 215.156 looks on a white background.

Color Contrast Check

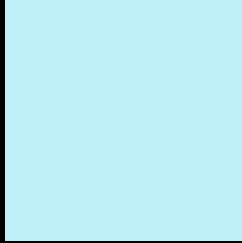
Large Text (above 18pt) WCAG AA × Fail

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, 16.329, 215.156 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, 16.329, 215.156

Background



This preview shows how black text looks on a background with the CIELCh color 91, 16.329, 215.156.

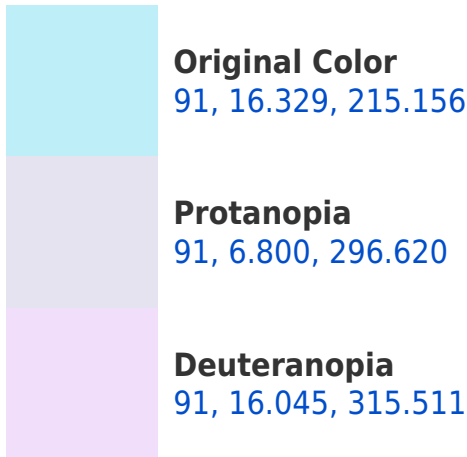


This preview shows how white text looks on a background with the CIELCh color 91, 16.329, 215.156.

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
91, 17.072, 234.102

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 16.329, 215.156 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(190, 238, 247)` looks like.

```
.text, #text, p{  
    color:rgb(190, 238, 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(190, 238, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 238, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 16.329, 215.156 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(190, 238, 247) }
```

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

```
.border{ border-color:rgb(190, 238, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 238, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 238, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 238, 247);  
box-shadow:4px 4px 4px 4px rgb(190, 238,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 16.329, 215.156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 238, 247) }
```

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

```
.background{ background-color: rgb(190,  
238, 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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