

Converting Colors

CIELCh(91, 6.840, 216.745)

Have a look what the booklet for
CIELCh(91, 6.840, 216.745) contains.

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Color

CIELCh(91, 6.845, 216.745)

Conversions

Conversions Part 1

Format	Color
Hex	D6E9ED
RGB	214, 233, 237
RGB Percent	84%, 91%, 93%
CMY	0.1618, 0.0873, 0.0716
CMYK	0.10, 0.02, 0.00, 0.07
HSL	190°, 39%, 88%
HSV	190°, 10%, 93%
XYZ	71.9661, 78.4833, 91.2729
YIQ	227.7750, -12.6080, -2.7840

Conversions

Conversions Part 2

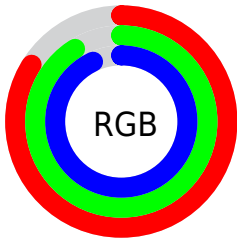
Format	Color
R_{YB}	214, 224, 237
Decimal	14084589
CIE Lab	91.00, -5.48, -4.10
CIE LCh	91, 6.845, 216.745
Yxy	78.4833, 0.2977, 0.3247
Android (android.graphics.Color)	4292274669 (0xFFD6E9ED)
YUV	227.7750, 4.5479, -12.0807
Hunter-Lab	88.5908, -10.0307, 0.9286

Details

The CIELCh color **91, 6.845, 216.745** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88, 7.284, 36.333**, 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, 6.813, 217.722** is the 20% darker color. If you saturate the color by 10%, you get **88, 13.497, 216.979**, and if you desaturate by 10%, it is **94, 0.205, 33.433**.

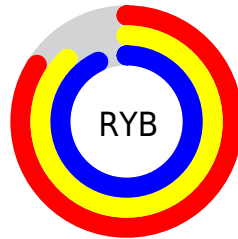
Distribution



Red (84%)

Green (91%)

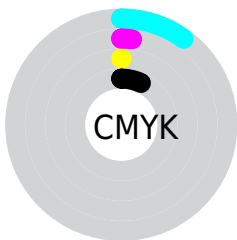
Blue (93%)



Red (84%)

Yellow (88%)

Blue (93%)

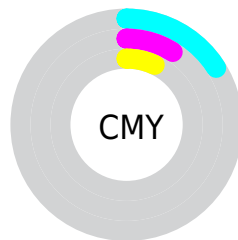


Cyan (10%)

Magenta (2%)

Yellow (0%)

Black (7%)



Cyan (16%)

Magenta (9%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 6.845, 216.745 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, 6.845, 216.745 by changing the saturation by 10% instead.

91, 6.845, 216.745

91, 6.845, 216.745

100, 6.845,
216.745

81, 6.845, 216.745

71, 6.845, 216.745

61, 6.845, 216.745

51, 6.845, 216.745

41, 6.845, 216.745

31, 6.845, 216.745

21, 6.845, 216.745

11, 6.845, 216.745

1, 6.845, 216.745

91, 6.845, 216.745

91, 6.845, 216.745

88, 13.497,
216.979

94, 0.205, 33.433

86, 19.643,
217.433

96, 5.468, 42.843

84, 25.172,
218.112

97, 5.525, 69.691

81, 29.971,
219.067

98, 6.648, 91.412

79, 33.941,
220.362

99, 8.415, 105.397

100, 9.246,
109.477

78, 37.016,
222.070

76, 39.183,
224.270

75, 40.504,
227.030

■ 73, 41.189,
230.329

Harmonies

Complementary

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



91, 6.845, 216.745



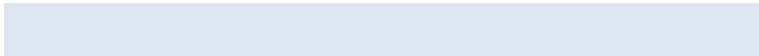
88, 7.284, 36.333

Rectangle

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



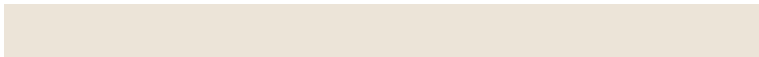
91, 6.845, 216.745



91, 6.845, 266.745



91, 6.845, 36.745



91, 6.845, 86.745

Sweetspot

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



91, 6.846, 216.727



99, 2.284, 216.803



92, 12.950, 148.794



53, 1.728, 216.754



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, 6.846, 216.727



97, 8.926, 216.766



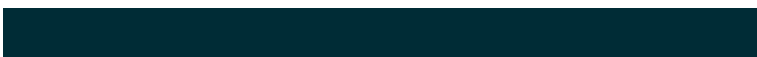
88, 8.381, 272.436



48, 3.977, 216.724



57, 33.691, 229.773



16, 14.438, 224.261

Inverse Universe

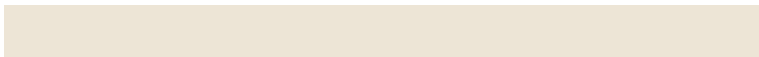
The Inverse Universe completely reimagines the original color for something new.



88, 12.920, 330.196



92, 16.976, 330.347



91, 8.384, 89.881



46, 7.499, 330.180



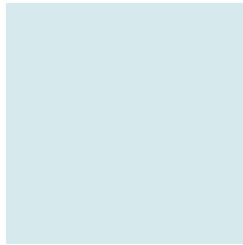
41, 78.060, 336.586



9, 34.081, 335.162

Previews

White Background



This preview shows how the CIELCh color 91, 6.845, 216.745 looks on a white background.

Color Contrast Check

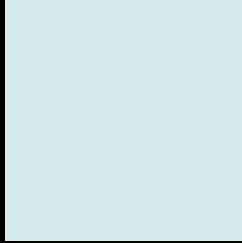
Large Text (above 18pt) WCAG AA × Fail

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, 6.845, 216.745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

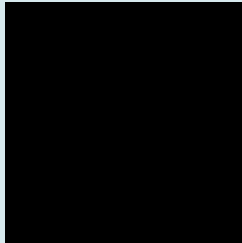
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

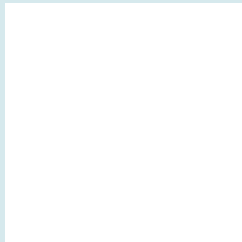
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 6.845, 216.745

Background



This preview shows how black text looks on a background with the CIELCh color 91, 6.845, 216.745.



This preview shows how white text looks on a background with the CIELCh color 91, 6.845, 216.745.

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](#).

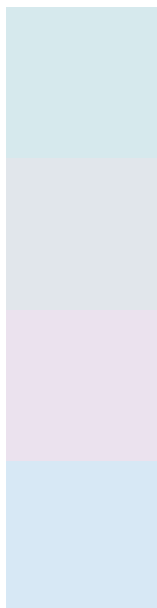
Dichromacy





Tritanopia
91, 10.517, 262.052

Trichromacy



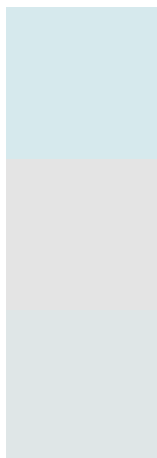
Original Color
91, 6.845, 216.745

Protanomaly
91, 3.110, 256.083

Deuteranomaly
91, 7.029, 317.478

Tritanomaly
91, 8.783, 249.443

Monochromacy



Original Color
91, 6.845, 216.745

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 2.515, 211.388

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 6.845, 216.745 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(214, 233, 237)` looks like.

```
.text, #text, p{  
    color:rgb(214, 233, 237)  
}
```

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(214, 233, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 233, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 6.845, 216.745 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(214, 233, 237) }
```

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

```
.border{ border-color:rgb(214, 233, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 233, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 233, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 233, 237);  
box-shadow:4px 4px 4px 4px rgb(214, 233,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 6.845, 216.745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 233, 237) }
```

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

```
.background{ background-color: rgb(214,  
233, 237) }
```

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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