

Converting Colors

CIELCh(91, 4.575, 213.990)

Have a look what the booklet for
CIELCh(91, 4.575, 213.990) contains.

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Color

CIELCh(91, 4.641, 212.162)

Conversions

Conversions Part 1

Format	Color
Hex	DBE8EA
RGB	219, 232, 234
RGB Percent	86%, 91%, 92%
CMY	0.1423, 0.0913, 0.0835
CMYK	0.06, 0.01, 0.00, 0.08
HSL	188°, 26%, 89%
HSV	188°, 6%, 92%
XYZ	72.7059, 78.4833, 88.9342
YIQ	228.3410, -8.3900, -2.1340

Conversions

Conversions Part 2

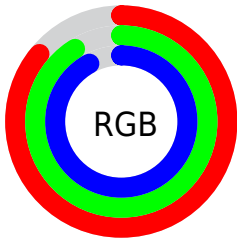
Format	Color
R _{YB}	219, 226, 234
Decimal	14412010
CIE Lab	91.00, -3.93, -2.47
CIE LCh	91, 4.641, 212.162
Yxy	78.4833, 0.3028, 0.3268
Android (android.graphics.Color)	4292602090 (0xFFDBE8EA)
YUV	228.3410, 2.7899, -8.1921
Hunter-Lab	88.5908, -8.5402, 2.4937

Details

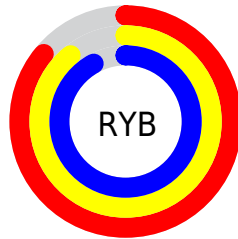
The CIELCh color $91, 4.641, 212.162$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $89, 4.835, 31.970$, and the grayscale version is $91, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $71, 4.512, 213.192$ is the 20% darker color. If you saturate the color by 10%, you get $89, 11.550, 212.098$, and if you desaturate by 10%, it is $94, 2.649, 31.822$.

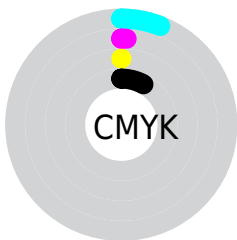
Distribution



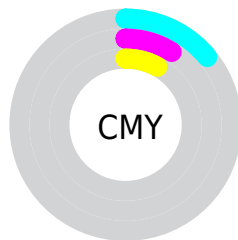
- Red (86%)
- Green (91%)
- Blue (92%)



- Red (86%)
- Yellow (89%)
- Blue (92%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (8%)



- Cyan (14%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 4.641, 212.162 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, 4.641, 212.162 by changing the saturation by 10% instead.

■ 91, 4.641, 212.162

■ 91, 4.641, 212.162

■ 100, 4.641,
212.162

■ 81, 4.641, 212.162

■ 71, 4.641, 212.162

■ 61, 4.641, 212.162

■ 51, 4.641, 212.162

■ 41, 4.641, 212.162

■ 31, 4.641, 212.162

■ 21, 4.641, 212.162

■ 11, 4.641, 212.162

■ 1, 4.641, 212.162

91, 4.641, 212.162

91, 4.641, 212.162

89, 11.550,
212.098

94, 2.649, 31.822

86, 17.970,
212.249

95, 6.516, 39.036

84, 23.783,
212.572

96, 6.259, 56.284

82, 28.869,
213.099

98, 7.423, 87.543

81, 33.120,
213.876

98, 8.613, 98.349

79, 36.449,
214.956

99, 10.032,
106.285

78, 38.818,
216.396

99, 10.780,
109.362

77, 40.248,
218.253

■ 75, 40.852,
220.566

Harmonies

Complementary

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



91, 4.641, 212.162



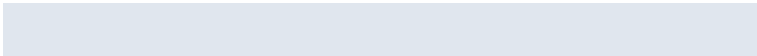
89, 4.835, 31.970

Rectangle

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



91, 4.641, 212.162



91, 4.641, 262.162



91, 4.641, 32.162



91, 4.641, 82.162

Sweetspot

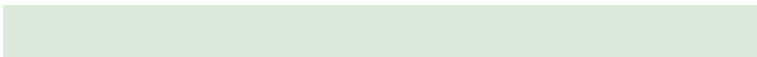
The Sweet Spot groups the original color and five complimentary colors.



91, 4.642, 212.136



99, 1.570, 212.439



91, 8.751, 147.431



53, 0.893, 212.462



0, 0.000, 0.000



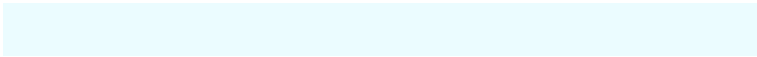
53, 0.007, 296.813

Same Dimension

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



91, 4.642, 212.136



98, 6.185, 212.109



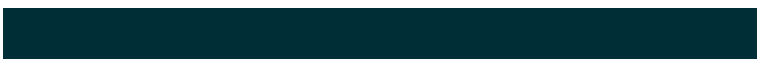
89, 5.188, 267.815



48, 4.090, 212.095



59, 33.865, 221.000



17, 14.643, 216.937

Inverse Universe

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



89, 8.673, 328.641



95, 11.617, 328.745



91, 5.199, 86.049



46, 7.717, 328.835



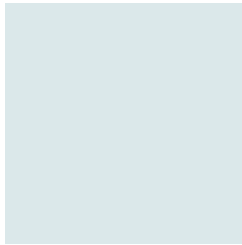
42, 80.531, 334.342



9, 35.010, 333.335

Previews

White Background



This preview shows how the CIELCh color 91, 4.641, 212.162 looks on a white background.

Color Contrast Check

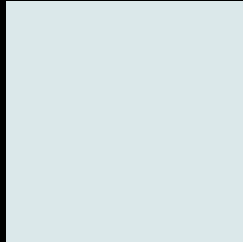
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 91, 4.641, 212.162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

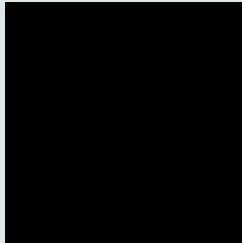
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

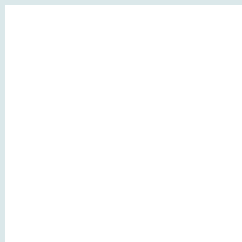
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 4.641, 212.162

Background



This preview shows how black text looks on a background with the CIELCh color 91, 4.641, 212.162.

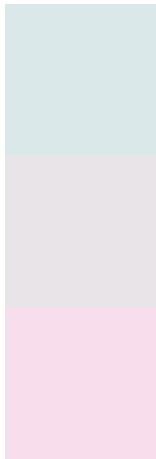


This preview shows how white text looks on a background with the CIELCh color 91, 4.641, 212.162.

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](#).

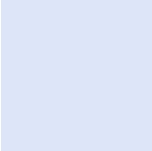
Dichromacy



Original Color
91, 4.641, 212.162

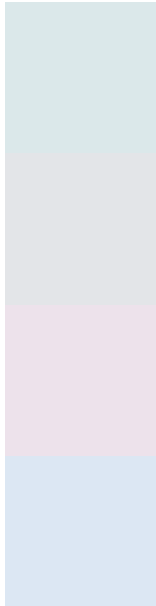
Protanopia
91, 2.129, 332.282

Deuteranopia
91, 11.823, 342.453



Tritanopia
91, 9.762, 272.605

Trichromacy



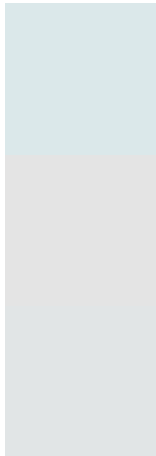
Original Color
91, 4.641, 212.162

Protanomaly
91, 1.706, 265.880

Deuteranomaly
91, 6.123, 330.129

Tritanomaly
91, 7.214, 259.051

Monochromacy



Original Color
91, 4.641, 212.162

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.503, 219.928

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 4.641, 212.162 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(219, 232, 234)` looks like.

```
.text, #text, p{  
    color:rgb(219, 232, 234)  
}
```

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(219, 232, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 232, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 4.641, 212.162 is called "border". The border property can be set on classes, ids or directly on the HTML element.

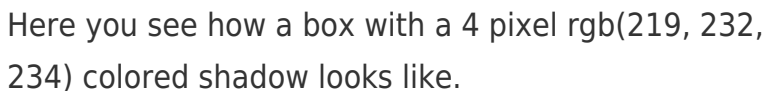
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 232, 234) }
```

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

```
.border{ border-color:rgb(219, 232, 234) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 232, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 232, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 232, 234);  
box-shadow:4px 4px 4px 4px rgb(219, 232,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 4.641, 212.162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 232, 234) }
```

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

```
.background{ background-color: rgb(219,  
232, 234) }
```

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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