

Converting Colors

CIELCh(91, 6.066, 189.231)

Have a look what the booklet for
CIELCh(91, 6.066, 189.231) contains.

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Color

CIELCh(91, 6.061, 189.234)

Conversions

Conversions Part 1

Format	Color
Hex	D8E9E7
RGB	216, 233, 231
RGB Percent	85%, 91%, 91%
CMY	0.1538, 0.0871, 0.0949
CMYK	0.07, 0.00, 0.01, 0.09
HSL	173°, 28%, 88%
HSV	173°, 7%, 91%
XYZ	71.7307, 78.4833, 86.8137
YIQ	227.6890, -9.4900, -4.2260

Conversions

Conversions Part 2

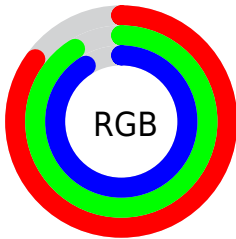
Format	Color
R _Y B	216, 225, 233
Decimal	14215655
CIE Lab	91.00, -5.98, -0.97
CIE LCh	91, 6.061, 189.234
Yxy	78.4833, 0.3026, 0.3311
Android (android.graphics.Color)	4292405735 (0xFFD8E9E7)
YUV	227.6890, 1.6323, -10.2513
Hunter-Lab	88.5908, -10.5050, 3.9129

Details

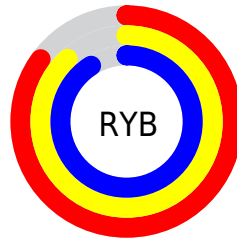
The CIELCh color **91, 6.061, 189.234** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88, 6.286, 10.233**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 6.003, 188.487** is the 20% darker color. If you saturate the color by 10%, you get **89, 14.084, 188.349**, and if you desaturate by 10%, it is **93, 2.277, 9.656**.

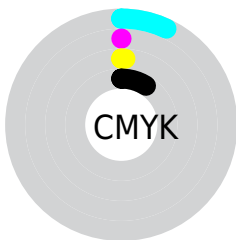
Distribution



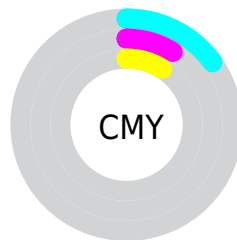
- Red (85%)
- Green (91%)
- Blue (91%)



- Red (85%)
- Yellow (88%)
- Blue (91%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (15%)
- Magenta (9%)
- Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 6.061, 189.234 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, 6.061, 189.234 by changing the saturation by 10% instead.

 91, 6.061, 189.234

 91, 6.061, 189.234

 100, 6.061,
189.234

 81, 6.061, 189.234

 71, 6.061, 189.234

 61, 6.061, 189.234

 51, 6.061, 189.234

 41, 6.061, 189.234

 31, 6.061, 189.234

 21, 6.061, 189.234

 11, 6.061, 189.234

 1, 6.061, 189.234

91, 6.061, 189.234

91, 6.061, 189.234

89, 14.084,
188.349

93, 2.277, 9.656

88, 21.658,
187.500

94, 8.185, 7.313

87, 28.644,
186.634

94, 8.581, 358.103

86, 34.902,
185.735

94, 9.950, 342.869

85, 40.303,
184.790

94, 10.849,
336.930

84, 44.748,
183.781

94, 11.850,
331.963

84, 48.185,
182.689

95, 12.929,
327.814

83, 50.632,
181.494

95, 13.866,
324.901

■ 83, 52.198,
180.183

Harmonies

Complementary

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



91, 6.061, 189.234



88, 6.286, 10.233

Rectangle

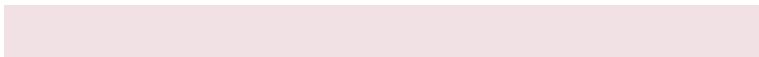
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



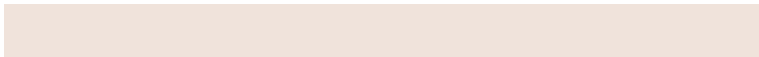
91, 6.061, 189.234



91, 6.061, 239.234



91, 6.061, 9.234



91, 6.061, 59.234

Sweetspot

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



91, 6.063, 189.219



100, 1.800, 189.899



91, 10.319, 140.432



53, 1.024, 189.925



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

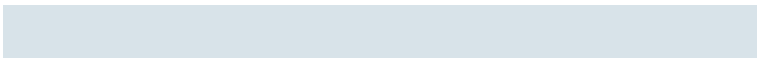
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 6.063, 189.219



98, 8.020, 189.059



89, 4.918, 240.654



48, 4.728, 189.021



66, 43.435, 180.058



19, 18.237, 182.213

Inverse Universe

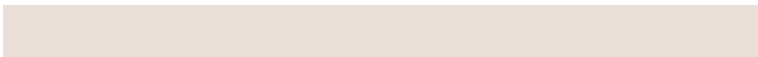
The Inverse Universe completely reimagines the original color for something new.



88, 6.286, 10.233



94, 8.387, 10.412



89, 5.075, 59.053



46, 4.954, 10.455



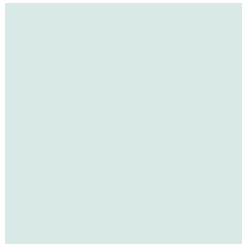
38, 75.786, 34.816



7, 28.099, 17.887

Previews

White Background



This preview shows how the CIELCh color 91, 6.061, 189.234 looks on a white background.

Color Contrast Check

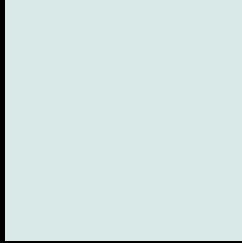
Large Text (above 18pt) WCAG AA × Fail

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, 6.061, 189.234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

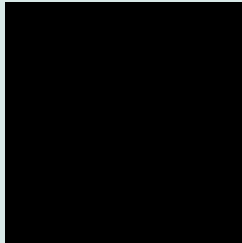
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

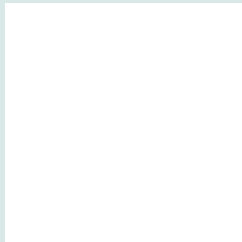
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 6.061, 189.234

Background



This preview shows how black text looks on a background with the CIELCh color 91, 6.061, 189.234.

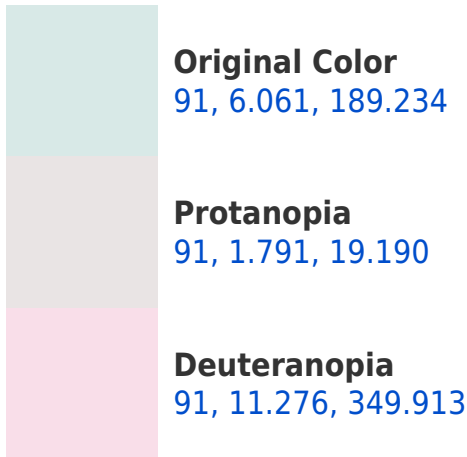


This preview shows how white text looks on a background with the CIELCh color 91, 6.061, 189.234.

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](#).

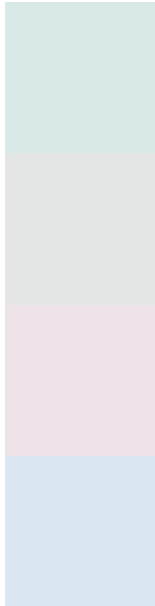
Dichromacy





Tritanopia
91, 9.980, 268.901

Trichromacy



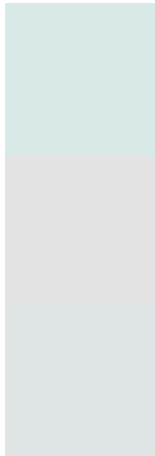
Original Color
91, 6.061, 189.234

Protanomaly
91, 1.186, 174.010

Deuteranomaly
91, 5.038, 341.560

Tritanomaly
91, 7.172, 252.086

Monochromacy



Original Color
91, 6.061, 189.234

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 2.194, 185.863

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 6.061, 189.234 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(216, 233, 231)` looks like.

```
.text, #text, p{  
    color:rgb(216, 233, 231)  
}
```

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(216, 233, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 233, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 6.061, 189.234 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(216, 233, 231) }
```

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

```
.border{ border-color:rgb(216, 233, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 233, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 233, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 233, 231);  
box-shadow:4px 4px 4px 4px rgb(216, 233,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 6.061, 189.234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 233, 231) }
```

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

```
.background{ background-color: rgb(216,  
233, 231) }
```

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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