

Converting Colors

CIELCh(91, 6.245, 176.400)

Have a look what the booklet for
CIELCh(91, 6.245, 176.400) contains.

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Color

CIELCh(91, 6.242, 174.554)

Conversions

Conversions Part 1

Format	Color
Hex	D9E9E4
RGB	217, 233, 228
RGB Percent	85%, 91%, 89%
CMY	0.1497, 0.0870, 0.1066
CMYK	0.07, 0.00, 0.02, 0.09
HSL	161°, 27%, 88%
HSV	161°, 7%, 91%
XYZ	71.6214, 78.4833, 84.6344
YIQ	227.6460, -7.9310, -4.9470

Conversions

Conversions Part 2

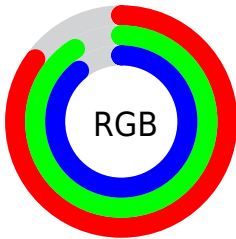
Format	Color
R _Y B	217, 226, 233
Decimal	14281188
CIE Lab	91.00, -6.21, 0.59
CIE LCh	91, 6.242, 174.554
Yxy	78.4833, 0.3051, 0.3343
Android (android.graphics.Color)	4292471268 (0xFFD9E9E4)
YUV	227.6460, 0.1745, -9.3365
Hunter-Lab	88.5908, -10.7253, 5.3714

Details

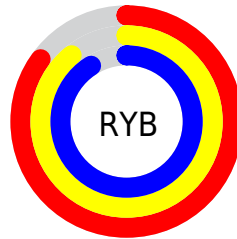
The CIELCh color **91, 6.242, 174.554** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88, 6.368, 355.651**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 5.997, 177.619** is the 20% darker color. If you saturate the color by 10%, you get **89, 15.215, 173.521**, and if you desaturate by 10%, it is **93, 2.861, 355.179**.

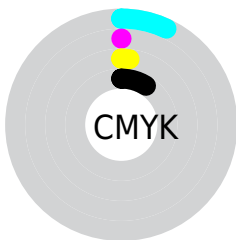
Distribution



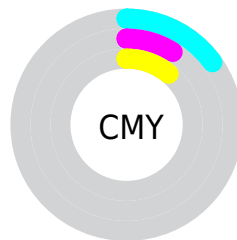
- Red (85%)
- Green (91%)
- Blue (89%)



- Red (85%)
- Yellow (89%)
- Blue (91%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)



- Cyan (15%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 6.242, 174.554 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, 6.242, 174.554 by changing the saturation by 10% instead.

91, 6.242, 174.554

91, 6.242, 174.554

100, 6.242,
174.554

81, 6.242, 174.554

71, 6.242, 174.554

61, 6.242, 174.554

51, 6.242, 174.554

41, 6.242, 174.554

31, 6.242, 174.554

21, 6.242, 174.554

11, 6.242, 174.554

1, 6.242, 174.554

91, 6.242, 174.554

91, 6.242, 174.554

89, 15.215,
173.521

93, 2.861, 355.179

88, 23.926,
172.458

94, 9.327, 348.286

86, 32.235,
171.306

94, 11.708,
332.545

85, 39.986,
170.040

95, 13.853,
324.900

84, 47.030,
168.636

84, 53.237,
167.067

83, 58.523,
165.309

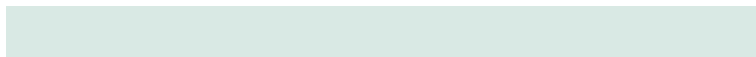
83, 62.875,
163.348

■ 82, 66.374,
161.191

Harmonies

Complementary

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



91, 6.242, 174.554



88, 6.368, 355.651

Rectangle

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



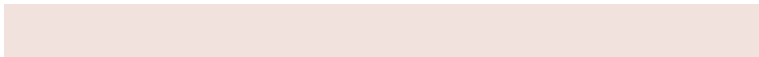
91, 6.242, 174.554



91, 6.242, 224.554



91, 6.242, 354.554



91, 6.242, 44.554

Sweetspot

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



91, 6.244, 174.543



100, 1.957, 175.197



91, 9.194, 134.935



53, 1.112, 175.221



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, 6.244, 174.543



98, 7.821, 174.421



90, 4.785, 217.820



48, 5.186, 174.274



65, 55.464, 160.901



19, 22.418, 164.622

Inverse Universe

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



88, 6.368, 355.651



95, 8.000, 355.779



89, 4.994, 37.358



46, 5.324, 355.933



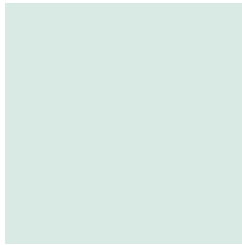
38, 67.380, 19.869



7, 27.800, 8.621

Previews

White Background



This preview shows how the CIELCh color 91, 6.242, 174.554 looks on a white background.

Color Contrast Check

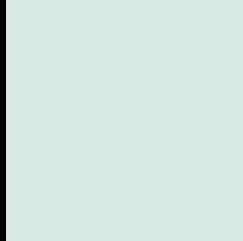
Large Text (above 18pt) WCAG AA × Fail

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, 6.242, 174.554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

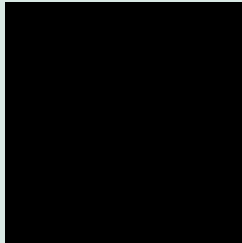
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

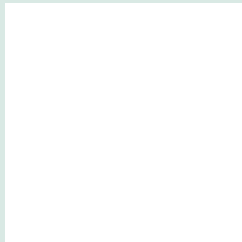
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 6.242, 174.554

Background



This preview shows how black text looks on a background with the CIELCh color 91, 6.242, 174.554.

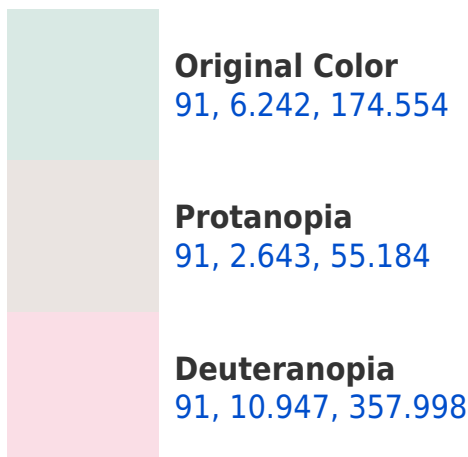


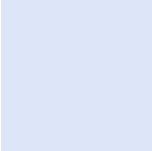
This preview shows how white text looks on a background with the CIELCh color 91, 6.242, 174.554.

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](#).

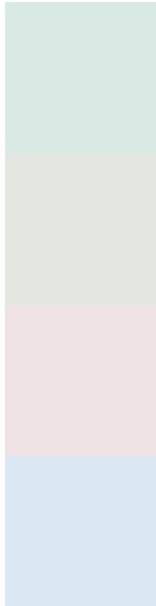
Dichromacy





Tritanopia
91, 9.866, 270.730

Trichromacy



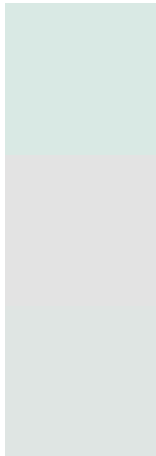
Original Color
91, 6.242, 174.554

Protanomaly
91, 2.188, 129.053

Deuteranomaly
91, 4.594, 359.866

Tritanomaly
91, 6.568, 251.544

Monochromacy



Original Color
91, 6.242, 174.554

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 2.379, 173.672

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 6.242, 174.554 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(217, 233, 228)` looks like.

```
.text, #text, p{  
    color:rgb(217, 233, 228)  
}
```

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(217, 233, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 233, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 6.242, 174.554 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(217, 233, 228) }
```

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

```
.border{ border-color:rgb(217, 233, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 233, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 233, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 233, 228); box-shadow:4px 4px 4px 4px rgb(217, 233, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 6.242, 174.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 233, 228) }
```

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

```
.background{ background-color: rgb(217,  
233, 228) }
```

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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