

Converting Colors

CIE LCh(91, 6.332, 198.438)

Have a look what the booklet for
CIELCh(91, 6.332, 198.438) contains.

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Color

CIELCh(91, 6.274, 199.079)

Conversions

Conversions Part 1

Format	Color
Hex	D7E9E9
RGB	215, 233, 233
RGB Percent	84%, 91%, 91%
CMY	0.1575, 0.0869, 0.0869
CMYK	0.08, 0.00, 0.00, 0.09
HSL	180°, 29%, 88%
HSV	180°, 8%, 91%
XYZ	71.7558, 78.4833, 88.3367
YIQ	227.6180, -10.7280, -3.8160

Conversions

Conversions Part 2

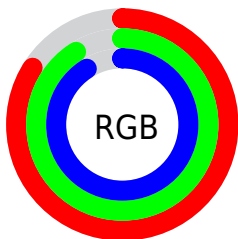
Format	Color
R _Y B	215, 224, 233
Decimal	14150121
CIE Lab	91.00, -5.93, -2.05
CIE LCh	91, 6.274, 199.079
Yxy	78.4833, 0.3008, 0.3290
Android (android.graphics.Color)	4292340201 (0xFFD7E9E9)
YUV	227.6180, 2.6533, -11.0660
Hunter-Lab	88.5908, -10.4545, 2.8937

Details

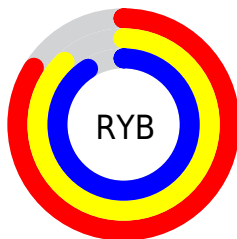
The CIELCh color **91, 6.274, 199.079** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87, 6.588, 19.782**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 6.212, 198.970** is the 20% darker color. If you saturate the color by 10%, you get **89, 14.000, 198.490**, and if you desaturate by 10%, it is **93, 1.885, 19.190**.

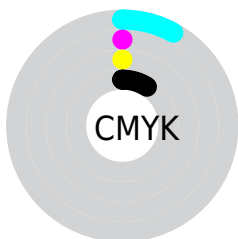
Distribution



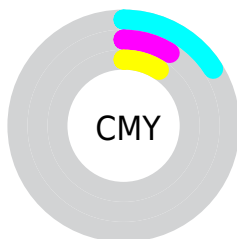
- Red (84%)
- Green (91%)
- Blue (91%)



- Red (84%)
- Yellow (88%)
- Blue (91%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (16%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 6.274, 199.079 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, 6.274, 199.079 by changing the saturation by 10% instead.

91, 6.274, 199.079

91, 6.274, 199.079

100, 6.274,
199.079

81, 6.274, 199.079

71, 6.274, 199.079

61, 6.274, 199.079

51, 6.274, 199.079

41, 6.274, 199.079

31, 6.274, 199.079

21, 6.274, 199.079

11, 6.274, 199.079

1, 6.274, 199.079

91, 6.274, 199.079

91, 6.274, 199.079

89, 14.000,
198.490

93, 1.885, 19.190

88, 21.158,
198.003

94, 8.003, 19.858

87, 27.616,
197.577

94, 8.003, 19.842

86, 33.243,
197.213

94, 8.003, 19.825

85, 37.931,
196.915

94, 8.003, 19.809

85, 41.606,
196.683

94, 8.003, 19.792


84, 44.245,
196.518

94, 8.003, 19.776

84, 45.889,
196.415

94, 8.003, 19.760

94, 8.003, 19.743

 84, 46.670,
196.364

Harmonies

Complementary

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



91, 6.274, 199.079



87, 6.588, 19.782

Rectangle

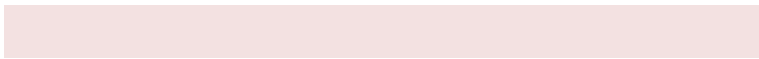
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 6.274, 199.079



91, 6.274, 249.079



91, 6.274, 19.079



91, 6.274, 69.079

Sweetspot

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



91, 6.275, 199.062



100, 1.770, 199.651



91, 11.345, 143.583



53, 1.006, 199.676



0, 0.000, 0.000



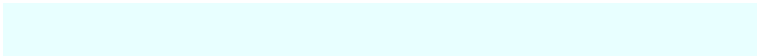
53, 0.007, 296.813

Same Dimension

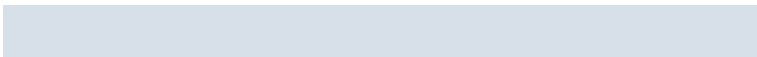
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 6.275, 199.062



98, 7.839, 198.978



89, 5.524, 254.649



48, 4.619, 198.951



67, 38.757, 196.357



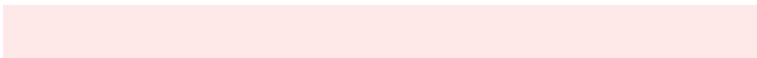
19, 16.596, 196.361

Inverse Universe

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



87, 6.588, 19.782



94, 8.300, 19.887



90, 5.631, 72.591



46, 4.905, 19.921



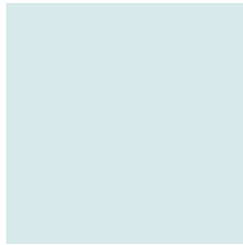
38, 80.838, 39.978



7, 28.534, 22.707

Previews

White Background



This preview shows how the CIELCh color 91, 6.274, 199.079 looks on a white background.

Color Contrast Check

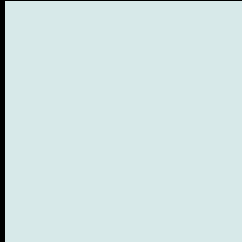
Large Text (above 18pt) WCAG AA × Fail

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, 6.274, 199.079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

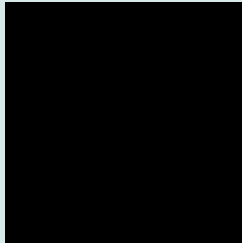
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

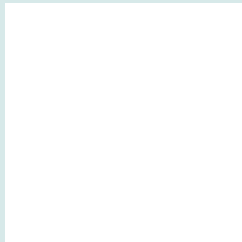
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 6.274, 199.079

Background



This preview shows how black text looks on a background with the CIELCh color 91, 6.274, 199.079.



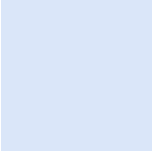
This preview shows how white text looks on a background with the CIELCh color 91, 6.274, 199.079.

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](#).

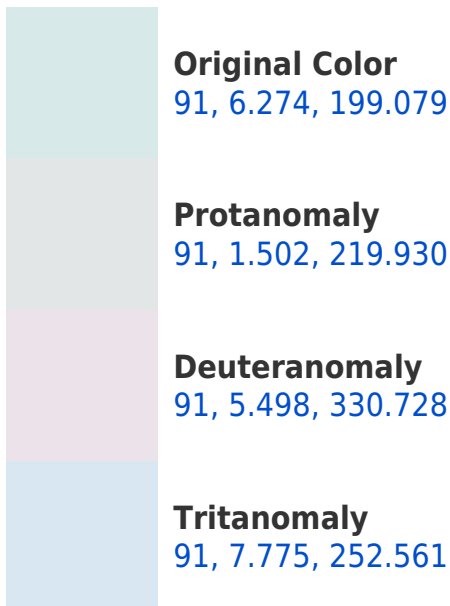
Dichromacy





Tritanopia
91, 10.576, 268.329

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 6.274, 199.079 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(215, 233, 233)` looks like.

```
.text, #text, p{  
    color:rgb(215, 233, 233)  
}
```

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(215, 233, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 233, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 6.274, 199.079 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(215, 233, 233) }
```

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

```
.border{ border-color:rgb(215, 233, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 233, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 233, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 233, 233);  
box-shadow:4px 4px 4px 4px rgb(215, 233,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 6.274, 199.079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 233, 233) }
```

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

```
.background{ background-color: rgb(215,  
233, 233) }
```

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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