

Converting Colors

CIE LCh(91, 4.583, 188.201)

Have a look what the booklet for
CIELCh(91, 4.583, 188.201) contains.

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Color

CIELCh(91, 4.706, 186.482)

Conversions

Conversions Part 1

Format	Color
Hex	DBE8E6
RGB	219, 232, 230
RGB Percent	86%, 91%, 90%
CMY	0.1412, 0.0902, 0.0980
CMYK	0.06, 0.00, 0.01, 0.09
HSL	171°, 22%, 88%
HSV	171°, 6%, 91%
XYZ	72.3501, 78.4833, 86.1954
YIQ	227.8850, -7.1060, -3.3780

Conversions

Conversions Part 2

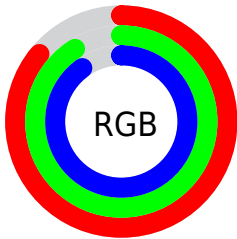
Format	Color
R _{YB}	219, 226, 232
Decimal	14412006
CIE Lab	91.00, -4.68, -0.53
CIE LCh	91, 4.706, 186.482
Yxy	78.4833, 0.3052, 0.3311
Android (android.graphics.Color)	4292602086 (0xFFDBE8E6)
YUV	227.8850, 1.0427, -7.7921
Hunter-Lab	88.5908, -9.2570, 4.3267

Details

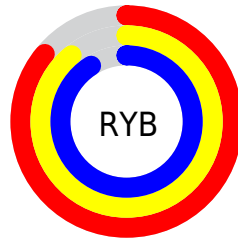
The CIELCh color $91, 4.706, 186.482$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $88, 4.831, 7.187$, and the grayscale version is $91, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $71, 4.472, 192.120$ is the 20% darker color. If you saturate the color by 10%, you get $89, 12.896, 185.517$, and if you desaturate by 10%, it is $93, 3.743, 7.021$.

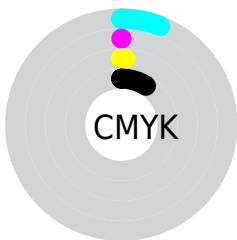
Distribution



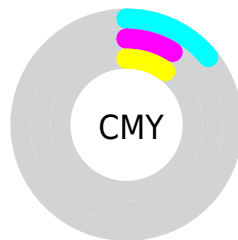
- Red (86%)
- Green (91%)
- Blue (90%)



- Red (86%)
- Yellow (89%)
- Blue (91%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (14%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 4.706, 186.482 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, 4.706, 186.482 by changing the saturation by 10% instead.

91, 4.706, 186.482

91, 4.706, 186.482

100, 4.706,
186.482

81, 4.706, 186.482

71, 4.706, 186.482

61, 4.706, 186.482

51, 4.706, 186.482

41, 4.706, 186.482

31, 4.706, 186.482

21, 4.706, 186.482

11, 4.706, 186.482

1, 4.706, 186.482

91, 4.706, 186.482

91, 4.706, 186.482

89, 12.896,
185.517

93, 3.743, 7.021

88, 20.696,
184.600

94, 8.678, 2.248

87, 27.970,
183.650

94, 9.375, 351.492

86, 34.574,
182.649

94, 10.360,
342.521

85, 40.372,
181.580

94, 11.558,
335.282

84, 45.253,
180.423

94, 12.910,
329.507

83, 49.152,
179.156

94, 14.363,
324.919

83, 52.067,
177.756

■ 83, 54.078,
176.210

Harmonies

Complementary

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



91, 4.706, 186.482



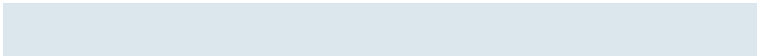
88, 4.831, 7.187

Rectangle

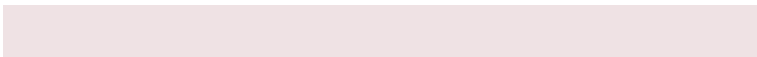
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



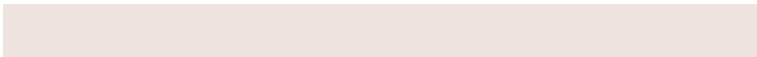
91, 4.706, 186.482



91, 4.706, 236.482



91, 4.706, 6.482



91, 4.706, 56.482

Sweetspot

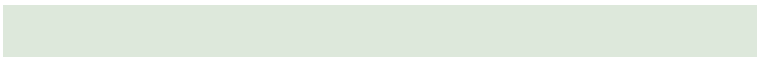
The Sweet Spot groups the original color and five complimentary colors.



91, 4.708, 186.463



100, 1.820, 186.988



91, 7.806, 139.568



53, 1.035, 187.014



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, 4.708, 186.463



99, 6.336, 186.316



90, 3.753, 236.320



48, 3.773, 186.264



65, 44.884, 175.804



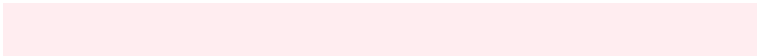
18, 18.301, 178.558

Inverse Universe

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



88, 4.831, 7.187



95, 6.541, 7.345



89, 3.850, 55.111



46, 3.904, 7.401



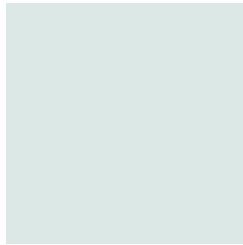
37, 73.204, 32.546



7, 26.721, 15.348

Previews

White Background



This preview shows how the CIELCh color 91, 4.706, 186.482 looks on a white background.

Color Contrast Check

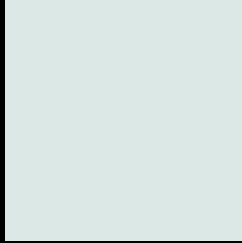
Large Text (above 18pt) WCAG AA × Fail

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, 4.706, 186.482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

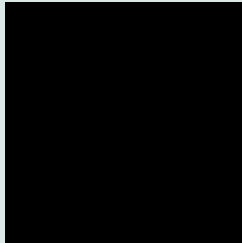
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

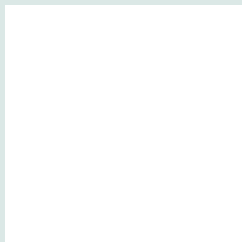
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 4.706, 186.482

Background



This preview shows how black text looks on a background with the CIELCh color 91, 4.706, 186.482.

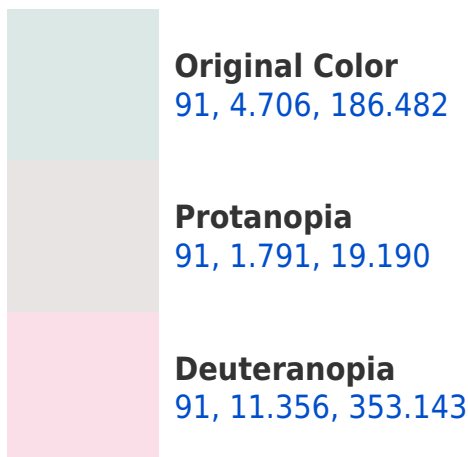


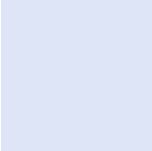
This preview shows how white text looks on a background with the CIELCh color 91, 4.706, 186.482.

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](#).

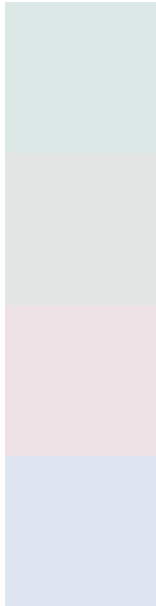
Dichromacy





Tritanopia
91, 9.593, 276.481

Trichromacy



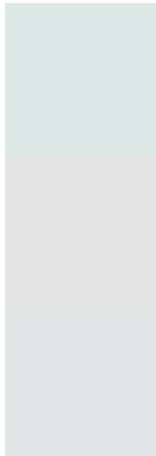
Original Color
91, 4.706, 186.482

Protanomaly
91, 0.354, 201.105

Deuteranomaly
91, 5.350, 350.767

Tritanomaly
91, 6.445, 261.795

Monochromacy



Original Color
91, 4.706, 186.482

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.417, 199.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 4.706, 186.482 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(219, 232, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 232, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 4.706, 186.482 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, 230) }
```

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

```
.border{ border-color:rgb(219, 232, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 232, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 232, 230);  
box-shadow:4px 4px 4px 4px rgb(219, 232,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 4.706, 186.482 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, 230) }
```

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

```
.background{ background-color: rgb(219,  
232, 230) }
```

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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