

Converting Colors

CIELCh(91, 4.008, 203.933)

Have a look what the booklet for
CIELCh(91, 4.008, 203.933) contains.

CIELCh(91, 3.887, 206.977)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(91, 3.887, 206.977)

Conversions

Conversions Part 1

Format	Color
Hex	DCE7E8
RGB	220, 231, 232
RGB Percent	86%, 91%, 91%
CMY	0.1358, 0.0926, 0.0887
CMYK	0.05, 0.00, 0.00, 0.09
HSL	185°, 21%, 89%
HSV	185°, 5%, 91%
XYZ	72.9278, 78.4833, 87.9288
YIQ	227.8250, -6.8770, -2.0210

Conversions

Conversions Part 2

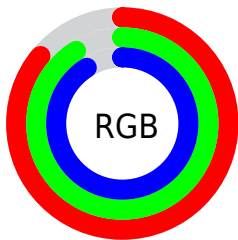
Format	Color
R _Y B	220, 226, 232
Decimal	14477288
CIE Lab	91.00, -3.46, -1.76
CIE LCh	91, 3.887, 206.977
Yxy	78.4833, 0.3047, 0.3279
Android (android.graphics.Color)	4292667368 (0xFFDCE7E8)
YUV	227.8250, 2.0583, -6.8625
Hunter-Lab	88.5908, -8.0930, 3.1666

Details

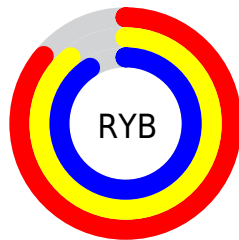
The CIELCh color `91, 3.887, 206.977` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `89, 4.018, 26.927`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 3.718, 207.695` is the 20% darker color. If you saturate the color by 10%, you get `89, 11.111, 206.640`, and if you desaturate by 10%, it is `93, 3.719, 26.891`.

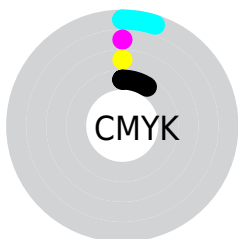
Distribution



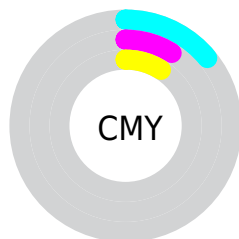
- Red (86%)
- Green (91%)
- Blue (91%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 3.887, 206.977 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, 3.887, 206.977 by changing the saturation by 10% instead.

■ 91, 3.887, 206.977

■ 91, 3.887, 206.977

■ 100, 3.887,
206.977

■ 81, 3.887, 206.977

■ 71, 3.887, 206.977

■ 61, 3.887, 206.977

■ 51, 3.887, 206.977

■ 41, 3.887, 206.977

■ 31, 3.887, 206.977

■ 21, 3.887, 206.977

■ 11, 3.887, 206.977

■ 1, 3.887, 206.977

91, 3.887, 206.977

91, 3.887, 206.977

89, 11.111,
206.640

93, 3.719, 26.891

87, 17.835,
206.506

95, 7.286, 31.375

85, 23.937,
206.496

95, 6.886, 40.540

84, 29.293,
206.627

96, 6.683, 50.532

82, 33.785,
206.925

96, 6.693, 60.805

81, 37.324,
207.420

96, 6.915, 70.715

80, 39.861,
208.143

97, 7.328, 79.743

79, 41.407,
209.125

97, 7.903, 87.617

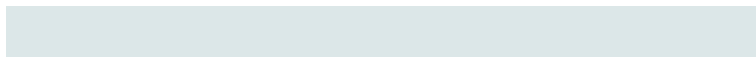
98, 8.606, 94.301

■ 78, 42.051,
210.389

Harmonies

Complementary

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



91, 3.887, 206.977



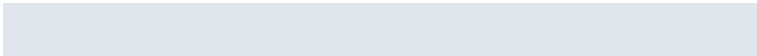
89, 4.018, 26.927

Rectangle

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



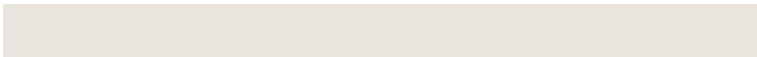
91, 3.887, 206.977



91, 3.887, 256.977



91, 3.887, 26.977



91, 3.887, 76.977

Sweetspot

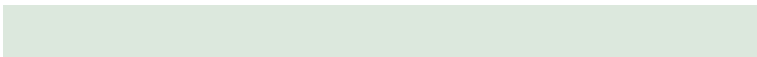
The Sweet Spot groups the original color and five complimentary colors.



91, 3.888, 206.946



100, 1.635, 207.274



91, 7.253, 146.025



53, 0.930, 207.298



0, 0.000, 0.000



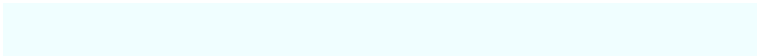
53, 0.007, 296.813

Same Dimension

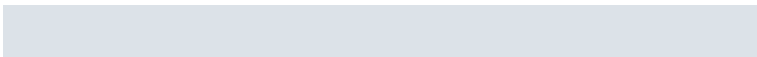
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 3.888, 206.946



99, 4.859, 206.903



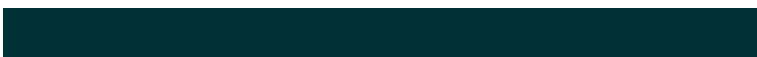
90, 3.958, 263.035



48, 3.006, 206.877



62, 35.014, 210.814



18, 15.172, 208.497

Inverse Universe

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



89, 7.191, 327.016



96, 9.011, 327.072



91, 3.972, 81.538



47, 5.584, 327.109



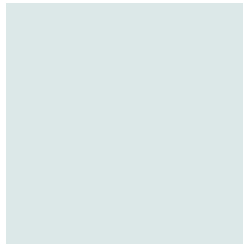
42, 83.737, 331.833



9, 36.200, 331.265

Previews

White Background



This preview shows how the CIELCh color 91, 3.887, 206.977 looks on a white background.

Color Contrast Check

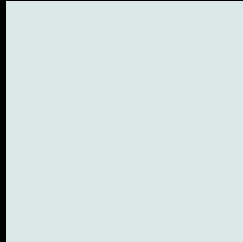
Large Text (above 18pt) WCAG AA × Fail

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, 3.887, 206.977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

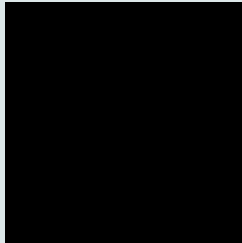
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

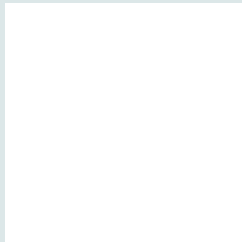
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 3.887, 206.977

Background



This preview shows how black text looks on a background with the CIELCh color 91, 3.887, 206.977.

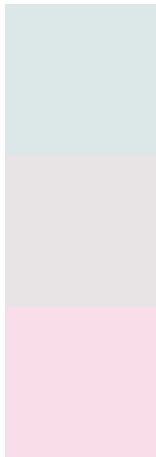


This preview shows how white text looks on a background with the CIELCh color 91, 3.887, 206.977.

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, 3.887, 206.977

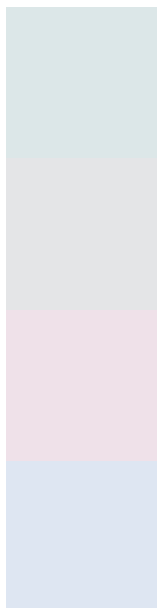
Protanopia
91, 1.779, 343.537

Deuteranopia
91, 11.536, 347.683



Tritanopia
91, 9.521, 278.472

Trichromacy



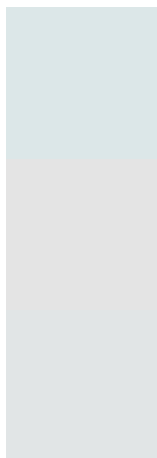
Original Color
91, 3.887, 206.977

Protanomaly
91, 1.099, 271.528

Deuteranomaly
91, 6.527, 340.380

Tritanomaly
91, 6.760, 266.569

Monochromacy



Original Color
91, 3.887, 206.977

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, 3.887, 206.977 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(220, 231, 232)` looks like.

```
.text, #text, p{  
    color:rgb(220, 231, 232)  
}
```

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(220, 231, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 231, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 3.887, 206.977 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(220, 231, 232) }
```

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

```
.border{ border-color:rgb(220, 231, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 231, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 231, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 231, 232);  
box-shadow:4px 4px 4px 4px rgb(220, 231,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 3.887, 206.977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 231, 232) }
```

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

```
.background{ background-color: rgb(220,  
231, 232) }
```

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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