

Converting Colors

CIELCh(92, 4.553, 189.172)

Have a look what the booklet for
CIELCh(92, 4.553, 189.172) contains.

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Color

CIELCh(92, 4.695, 186.490)

Conversions

Conversions Part 1

Format	Color
Hex	DEEBE9
RGB	222, 235, 233
RGB Percent	87%, 92%, 91%
CMY	0.1300, 0.0790, 0.0869
CMYK	0.06, 0.00, 0.01, 0.08
HSL	171°, 24%, 90%
HSV	171°, 6%, 92%
XYZ	74.4241, 80.7044, 88.6268
YIQ	230.8850, -7.1060, -3.3780

Conversions

Conversions Part 2

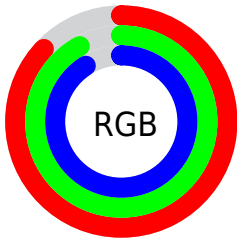
Format	Color
RYP	222, 229, 235
Decimal	14609385
CIELab	92.00, -4.66, -0.53
CIElCh	92, 4.695, 186.490
Yxy	80.7044, 0.3053, 0.3311
Android (android.graphics.Color)	4292799465 (0xFFDEEBE9)
YUV	230.8850, 1.0427, -7.7921
Hunter-Lab	89.8356, -9.3344, 4.3927

Details

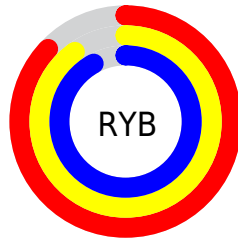
The CIELCh color **92, 4.695, 186.490** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89, 4.818, 7.180**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 4.576, 185.362** is the 20% darker color. If you saturate the color by 10%, you get **90, 12.968, 185.524**, and if you desaturate by 10%, it is **94, 3.839, 7.030**.

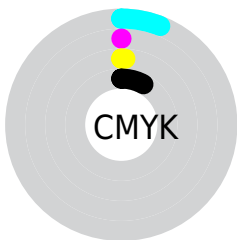
Distribution



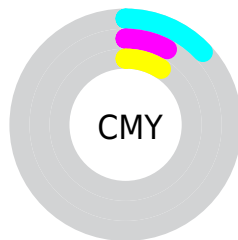
- Red (87%)
- Green (92%)
- Blue (91%)



- Red (87%)
- Yellow (90%)
- Blue (92%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (8%)



- Cyan (13%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 4.695, 186.490 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 92, 4.695, 186.490 by changing the saturation by 10% instead.

■ 92, 4.695, 186.490

■ 92, 4.695, 186.490

■ 100, 4.695,
186.490

■ 82, 4.695, 186.490

■ 72, 4.695, 186.490

■ 62, 4.695, 186.490

■ 52, 4.695, 186.490

■ 42, 4.695, 186.490

■ 32, 4.695, 186.490

■ 22, 4.695, 186.490

■ 12, 4.695, 186.490

■ 2, 4.695, 186.490

92, 4.695, 186.490

92, 4.695, 186.490

90, 12.968,
185.524

94, 3.839, 7.030

89, 20.849,
184.606

95, 7.700, 359.492

88, 28.198,
183.655

95, 8.509, 347.700

86, 34.870,
182.654

95, 10.933,
331.049

86, 40.728,
181.585

95, 12.391,
325.451

85, 45.660,
180.427

95, 12.578,
324.854

84, 49.600,
179.159

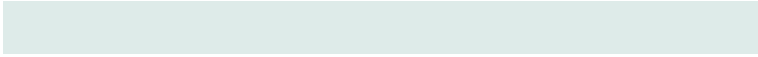
84, 52.545,
177.759

■ 84, 54.577,
176.212

Harmonies

Complementary

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



92, 4.695, 186.490



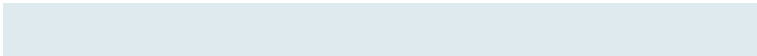
89, 4.818, 7.180

Rectangle

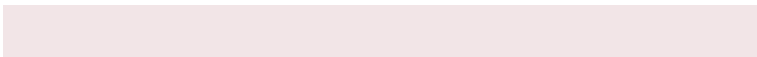
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



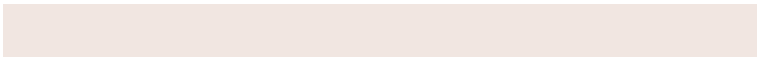
92, 4.695, 186.490



92, 4.695, 236.490



92, 4.695, 6.490



92, 4.695, 56.490

Sweetspot

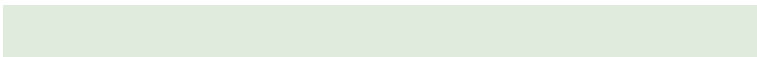
The Sweet Spot groups the original color and five complimentary colors.



92, 4.697, 186.471



100, 1.820, 186.989



92, 7.787, 139.572



53, 1.035, 187.015



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

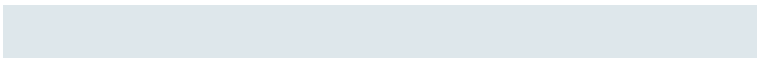
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 4.697, 186.471



99, 6.336, 186.316



91, 3.745, 236.315



49, 3.841, 186.263



66, 45.367, 175.787



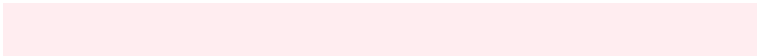
19, 18.904, 178.398

Inverse Universe

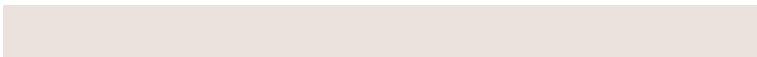
The Inverse Universe completely reimagines the original color for something new.



89, 4.818, 7.180



95, 6.541, 7.346



91, 3.840, 55.115



46, 3.976, 7.404



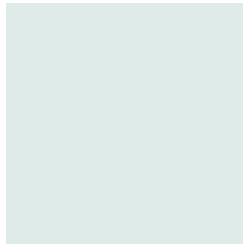
38, 74.022, 32.603



7, 28.003, 16.377

Previews

White Background



This preview shows how the CIE LCh color 92, 4.695, 186.490 looks on a white background.

Color Contrast Check

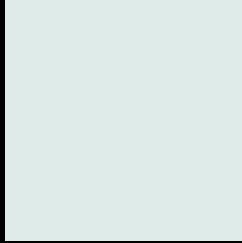
Large Text (above 18pt) WCAG AA × Fail

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 92, 4.695, 186.490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

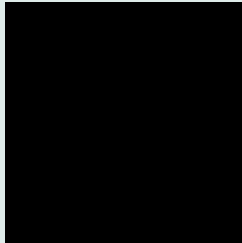
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

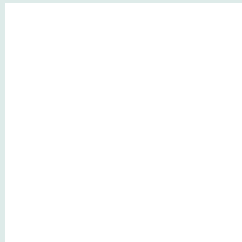
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 4.695, 186.490

Background



This preview shows how black text looks on a background with the CIELCh color 92, 4.695, 186.490.



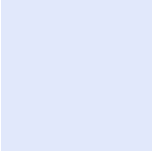
This preview shows how white text looks on a background with the CIELCh color 92, 4.695, 186.490.

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](#).

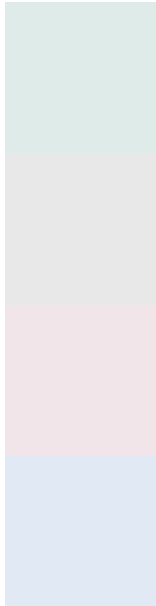
Dichromacy





Tritanopia
92, 10.070, 277.264

Trichromacy



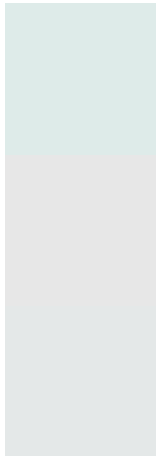
Original Color
92, 4.695, 186.490

Protanomaly
92, 0.621, 144.882

Deuteranomaly
92, 5.337, 350.760

Tritanomaly
92, 6.430, 261.781

Monochromacy



Original Color
92, 4.695, 186.490

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.414, 199.745

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 4.695, 186.490 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(222, 235, 233)` looks like.

```
.text, #text, p{  
    color:rgb(222, 235, 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(222, 235, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 235, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 4.695, 186.490 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(222, 235, 233) }
```

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

```
.border{ border-color:rgb(222, 235, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 235, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 235, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 235, 233);  
box-shadow:4px 4px 4px 4px rgb(222, 235,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 4.695, 186.490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 235, 233) }
```

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

```
.background{ background-color: rgb(222,  
235, 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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