

Converting Colors

CIELCh(92, 6.851, 216.935)

Have a look what the booklet for
CIELCh(92, 6.851, 216.935) contains.

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Color

CIELCh(92, 6.831, 216.744)

Conversions

Conversions Part 1

Format	Color
Hex	D9ECF0
RGB	217, 236, 240
RGB Percent	85%, 93%, 94%
CMY	0.1506, 0.0761, 0.0605
CMYK	0.10, 0.02, 0.00, 0.06
HSL	190°, 43%, 89%
HSV	190°, 10%, 94%
XYZ	74.0329, 80.7044, 93.7868
YIQ	230.7750, -12.6080, -2.7840

Conversions

Conversions Part 2

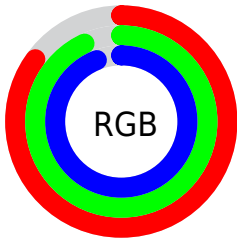
Format	Color
R _Y B	217, 227, 240
Decimal	14281968
CIE _{Lab}	92.00, -5.47, -4.09
CIE _{LCh}	92, 6.831, 216.744
Y _{xy}	80.7044, 0.2979, 0.3247
Android (android.graphics.Color)	4292472048 (0xFFD9ECF0)
Y _{UV}	230.7750, 4.5479, -12.0807
Hunter-Lab	89.8356, -10.1117, 0.9872

Details

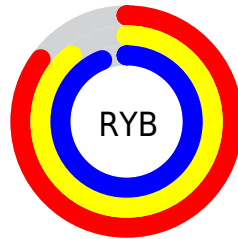
The CIELCh color **92, 6.831, 216.744** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 7.264, 36.332**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 6.795, 217.718** is the 20% darker color. If you saturate the color by 10%, you get **89, 13.552, 216.976**, and if you desaturate by 10%, it is **95, 0.292, 34.316**.

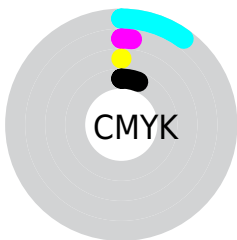
Distribution



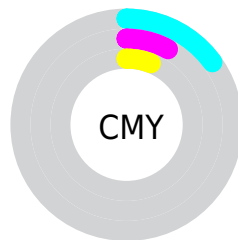
- Red (85%)
- Green (93%)
- Blue (94%)



- Red (85%)
- Yellow (89%)
- Blue (94%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)



- Cyan (15%)
- Magenta (8%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 6.831, 216.744 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, 6.831, 216.744 by changing the saturation by 10% instead.

92, 6.831, 216.744

92, 6.831, 216.744

100, 6.831,
216.744

82, 6.831, 216.744

72, 6.831, 216.744

62, 6.831, 216.744

52, 6.831, 216.744

42, 6.831, 216.744

32, 6.831, 216.744

22, 6.831, 216.744

12, 6.831, 216.744

2, 6.831, 216.744

92, 6.831, 216.744

92, 6.831, 216.744

89, 13.552,
216.976

95, 0.292, 34.316

87, 19.764,
217.428

97, 4.520, 48.707

85, 25.353,
218.105

98, 4.957, 79.877

82, 30.206,
219.058

99, 6.484, 100.926

100, 7.805,
109.584

80, 34.222,
220.351

79, 37.334,
222.057

77, 39.528,
224.255

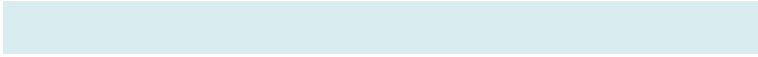
75, 40.866,
227.013

■ 74, 41.556,
230.316

Harmonies

Complementary

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



92, 6.831, 216.744



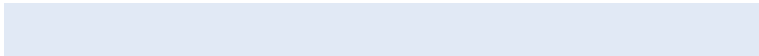
89, 7.264, 36.332

Rectangle

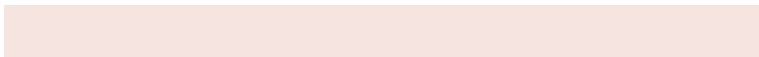
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



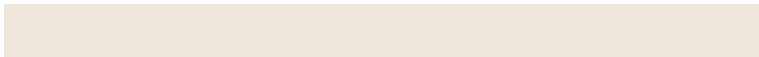
92, 6.831, 216.744



92, 6.831, 266.744



92, 6.831, 36.744



92, 6.831, 86.744

Sweetspot

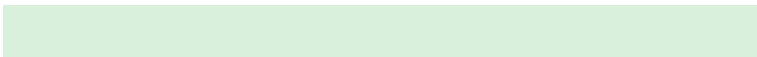
The Sweet Spot groups the original color and five complimentary colors.



92, 6.832, 216.726



99, 2.284, 216.803



93, 12.918, 148.802



53, 1.728, 216.754



0, 0.000, 0.000



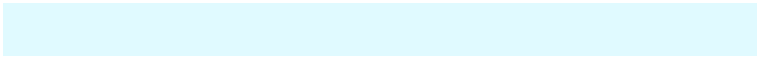
53, 0.007, 296.813

Same Dimension

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



92, 6.832, 216.726



97, 8.926, 216.767



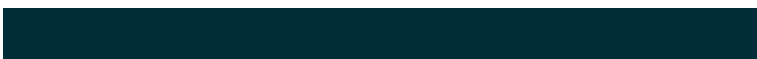
89, 8.361, 272.421



49, 4.047, 216.725



58, 34.044, 229.812



17, 14.868, 224.566

Inverse Universe

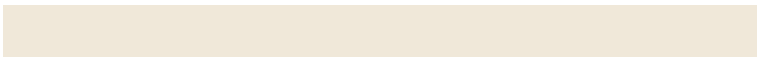
The Inverse Universe completely reimagines the original color for something new.



89, 12.889, 330.189



92, 16.976, 330.347



92, 8.364, 89.894



47, 7.633, 330.182



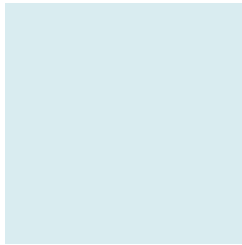
42, 78.865, 336.596



9, 35.068, 335.239

Previews

White Background



This preview shows how the CIELCh color 92, 6.831, 216.744 looks on a white background.

Color Contrast Check

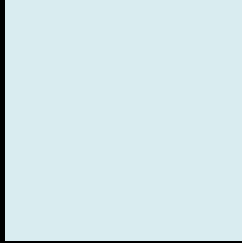
Large Text (above 18pt) WCAG AA × Fail

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 92, 6.831, 216.744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

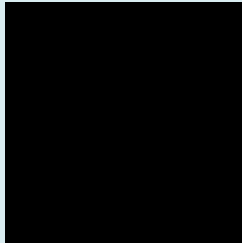
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

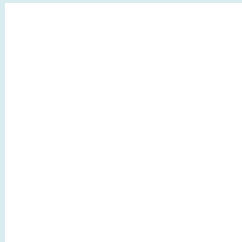
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 6.831, 216.744

Background



This preview shows how black text looks on a background with the CIELCh color 92, 6.831, 216.744.



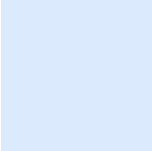
This preview shows how white text looks on a background with the CIELCh color 92, 6.831, 216.744.

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](#).

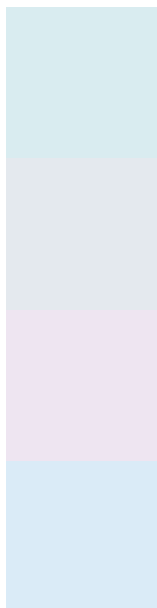
Dichromacy





Tritanopia
92, 10.493, 262.029

Trichromacy



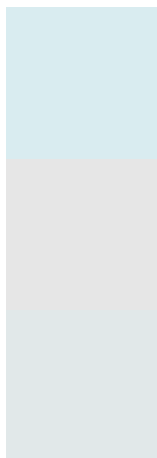
Original Color
92, 6.831, 216.744

Protanomaly
92, 3.103, 256.078

Deuteranomaly
92, 7.012, 317.475

Tritanomaly
92, 8.391, 247.007

Monochromacy



Original Color
92, 6.831, 216.744

Achromatopsia
91, 0.011, 296.813

Achromatomaly
92, 2.511, 211.390

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 6.831, 216.744 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, 236, 240)` looks like.

```
.text, #text, p{  
    color:rgb(217, 236, 240)  
}
```

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, 236, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 236, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 6.831, 216.744 is called "border". The border property can be set on classes, ids or directly on the HTML element.

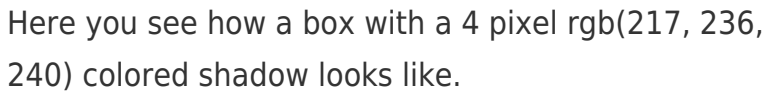
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 236, 240) }
```

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

```
.border{ border-color:rgb(217, 236, 240) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 236, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 236, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 236, 240); box-shadow:4px 4px 4px 4px rgb(217, 236, 240) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 6.831, 216.744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 236, 240) }
```

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

```
.background{ background-color: rgb(217,  
236, 240) }
```

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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