

Converting Colors

CIELCh(92, 6.616, 170.953)

Have a look what the booklet for
CIELCh(92, 6.616, 170.953) contains.

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Color

CIELCh(92, 6.781, 171.818)

Conversions

Conversions Part 1

Format	Color
Hex	DBECE6
RGB	219, 236, 230
RGB Percent	86%, 93%, 90%
CMY	0.1415, 0.0748, 0.0983
CMYK	0.07, 0.00, 0.03, 0.07
HSL	159°, 31%, 89%
HSV	159°, 7%, 93%
XYZ	73.4368, 80.7044, 86.5142
YIQ	230.2330, -8.2060, -5.4700

Conversions

Conversions Part 2

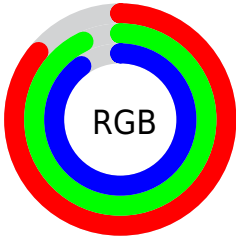
Format	Color
R _Y B	219, 229, 236
Decimal	14413030
CIE Lab	92.00, -6.71, 0.97
CIE LCh	92, 6.781, 171.818
Yxy	80.7044, 0.3052, 0.3354
Android (android.graphics.Color)	4292603110 (0xFFDBECE6)
YUV	230.2330, -0.1149, -9.8513
Hunter-Lab	89.8356, -11.2963, 5.7870

Details

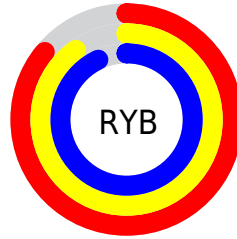
The CIELCh color **92, 6.781, 171.818** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 6.906, 352.982**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 6.545, 174.359** is the 20% darker color. If you saturate the color by 10%, you get **90, 16.104, 170.793**, and if you desaturate by 10%, it is **94, 2.644, 352.435**.

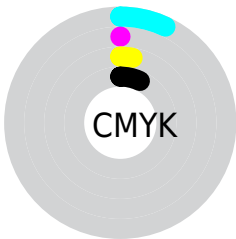
Distribution



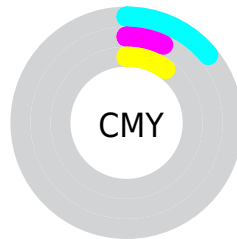
- Red (86%)
- Green (93%)
- Blue (90%)



- Red (86%)
- Yellow (90%)
- Blue (93%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (14%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 6.781, 171.818 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, 6.781, 171.818 by changing the saturation by 10% instead.

■ 92, 6.781, 171.818

■ 92, 6.781, 171.818

■ 100, 6.781,
171.818

■ 82, 6.781, 171.818

■ 72, 6.781, 171.818

■ 62, 6.781, 171.818

■ 52, 6.781, 171.818

■ 42, 6.781, 171.818

■ 32, 6.781, 171.818

■ 22, 6.781, 171.818

■ 12, 6.781, 171.818

■ 2, 6.781, 171.818

92, 6.781, 171.818

92, 6.781, 171.818

90, 16.104,
170.793

94, 2.644, 352.435

89, 25.191,
169.723

95, 8.720, 341.151

87, 33.898,
168.555

95, 11.864,
324.946

86, 42.065,
167.262


95, 11.900,
324.829

85, 49.535,
165.820

84, 56.173,
164.201

84, 61.889,
162.384

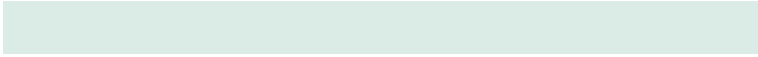
83, 66.664,
160.355

 83, 70.585,
158.132

Harmonies

Complementary

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



92, 6.781, 171.818



89, 6.906, 352.982

Rectangle

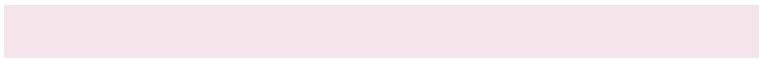
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



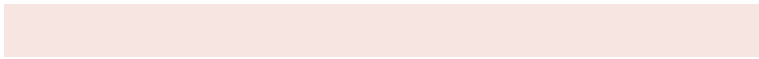
92, 6.781, 171.818



92, 6.781, 221.818



92, 6.781, 351.818



92, 6.781, 41.818

Sweetspot

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



92, 6.783, 171.809



100, 2.003, 172.483



92, 9.615, 133.303



53, 1.139, 172.506



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, 6.783, 171.809



98, 9.017, 171.621



92, 5.241, 212.147



48, 5.318, 171.578



65, 58.298, 157.928



19, 23.421, 161.773

Inverse Universe

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



89, 6.906, 352.982



94, 9.216, 353.177



89, 5.489, 32.021



46, 5.441, 353.221



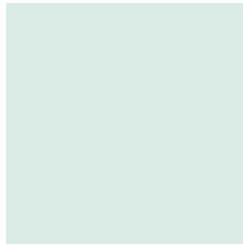
38, 66.341, 16.093



7, 27.837, 6.088

Previews

White Background



This preview shows how the CIELCh color 92, 6.781, 171.818 looks on a white background.

Color Contrast Check

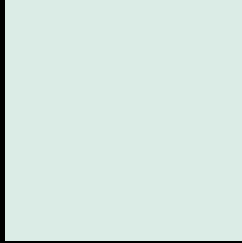
Large Text (above 18pt) WCAG AA × Fail

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, 6.781, 171.818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

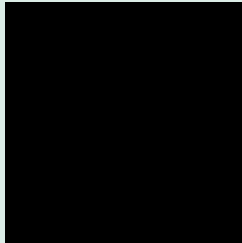
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

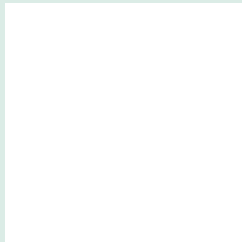
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 6.781, 171.818

Background



This preview shows how black text looks on a background with the CIELCh color 92, 6.781, 171.818.

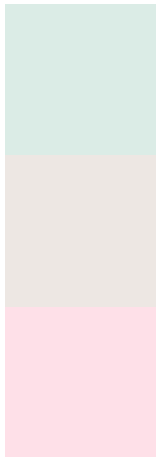


This preview shows how white text looks on a background with the CIELCh color 92, 6.781, 171.818.

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

92, 6.781, 171.818

Protanopia

92, 2.967, 63.296

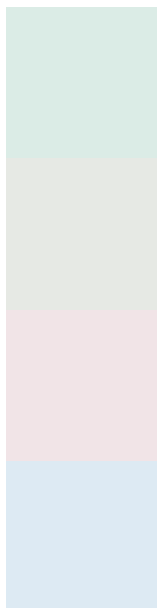
Deuteranopia

92, 11.608, 359.421



Tritanopia
92, 9.957, 268.881

Trichromacy



Original Color
92, 6.781, 171.818

Protanomaly
92, 2.797, 132.456

Deuteranomaly
92, 4.928, 1.319

Tritanomaly
92, 6.394, 246.103

Monochromacy



Original Color
92, 6.781, 171.818

Achromatopsia
91, 0.011, 296.813

Achromatomaly
92, 2.373, 173.677

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 6.781, 171.818 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, 236, 230)` looks like.

```
.text, #text, p{  
    color:rgb(219, 236, 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, 236, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 236, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 6.781, 171.818 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, 236, 230) }
```

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

```
.border{ border-color:rgb(219, 236, 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, 236, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 236, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 236, 230);  
box-shadow:4px 4px 4px 4px rgb(219, 236,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 6.781, 171.818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 236, 230) }
```

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

```
.background{ background-color: rgb(219,  
236, 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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