

Converting Colors

CIELCh(92, 6.475, 161.633)

Have a look what the booklet for
CIELCh(92, 6.475, 161.633) contains.

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Color

CIELCh(92, 6.771, 161.452)

Conversions

Conversions Part 1

Format	Color
Hex	DDECE4
RGB	221, 236, 228
RGB Percent	87%, 93%, 89%
CMY	0.1346, 0.0758, 0.1072
CMYK	0.06, 0.00, 0.03, 0.08
HSL	148°, 28%, 89%
HSV	148°, 6%, 92%
XYZ	73.5774, 80.7044, 84.8592
YIQ	230.6030, -6.3720, -5.6680

Conversions

Conversions Part 2

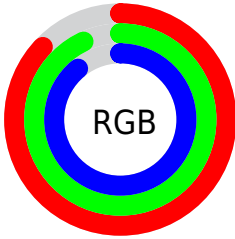
Format	Color
R _Y B	221, 231, 236
Decimal	14544100
CIE Lab	92.00, -6.42, 2.15
CIE LCh	92, 6.771, 161.452
Yxy	80.7044, 0.3077, 0.3375
Android (android.graphics.Color)	4292734180 (0xFFDDECE4)
YUV	230.6030, -1.2833, -8.4218
Hunter-Lab	89.8356, -11.0169, 6.8793

Details

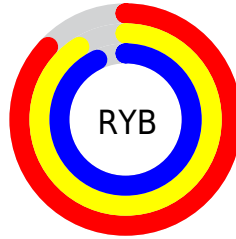
The CIELCh color **92, 6.771, 161.452** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 6.832, 342.339**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 6.493, 163.071** is the 20% darker color. If you saturate the color by 10%, you get **90, 17.440, 160.529**, and if you desaturate by 10%, it is **94, 3.865, 342.054**.

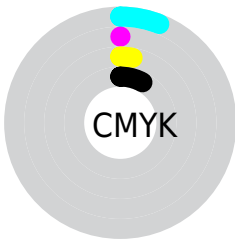
Distribution



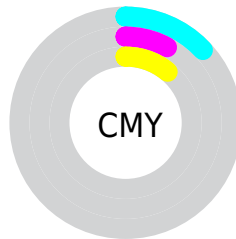
- Red (87%)
- Green (93%)
- Blue (89%)



- Red (87%)
- Yellow (91%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)



- Cyan (13%)
- Magenta (8%)
- Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 6.771, 161.452 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, 6.771, 161.452 by changing the saturation by 10% instead.

 92, 6.771, 161.452

 92, 6.771, 161.452

 100, 6.771,
161.452

 82, 6.771, 161.452

 72, 6.771, 161.452

 62, 6.771, 161.452


 52, 6.771, 161.452

 42, 6.771, 161.452

 32, 6.771, 161.452

 22, 6.771, 161.452

 12, 6.771, 161.452

 2, 6.771, 161.452

92, 6.771, 161.452

92, 6.771, 161.452

90, 17.440,
160.529

94, 3.865, 342.054

88, 28.007,
159.536

95, 11.158,
328.084

87, 38.320,
158.422

95, 12.059,
324.835

86, 48.201,
157.159

85, 57.464,
155.723

84, 65.933,
154.090

83, 73.475,
152.244

83, 80.020,
150.188

■ 82, 85.596,
147.953

Harmonies

Complementary

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



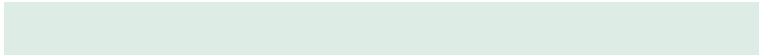
92, 6.771, 161.452



89, 6.832, 342.339

Rectangle

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



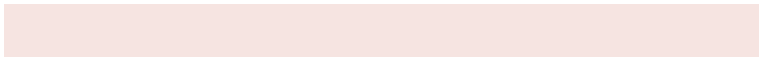
92, 6.771, 161.452



92, 6.771, 211.452



92, 6.771, 341.452



92, 6.771, 31.452

Sweetspot

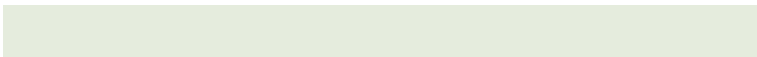
The Sweet Spot groups the original color and five complimentary colors.



92, 6.773, 161.446



100, 2.260, 161.943



92, 8.116, 127.024



53, 1.285, 161.962



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, 6.773, 161.446



98, 9.081, 161.293



92, 5.262, 194.938



48, 6.029, 161.163



65, 71.161, 147.563



19, 28.103, 151.533

Inverse Universe

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



89, 6.832, 342.339



95, 9.171, 342.492



89, 5.459, 15.605



46, 6.096, 342.620



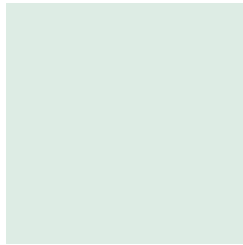
39, 66.008, 358.798



8, 28.955, 352.713

Previews

White Background



This preview shows how the CIELCh color 92, 6.771, 161.452 looks on a white background.

Color Contrast Check

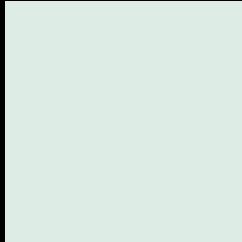
Large Text (above 18pt) WCAG AA × Fail

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, 6.771, 161.452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

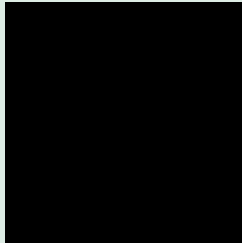
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

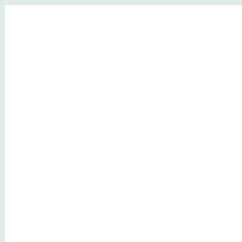
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 6.771, 161.452

Background



This preview shows how black text looks on a background with the CIELCh color 92, 6.771, 161.452.



This preview shows how white text looks on a background with the CIELCh color 92, 6.771, 161.452.

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](#).

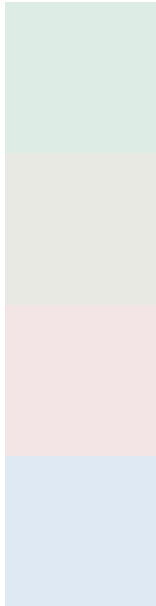
Dichromacy





Tritanopia
92, 10.149, 275.402

Trichromacy



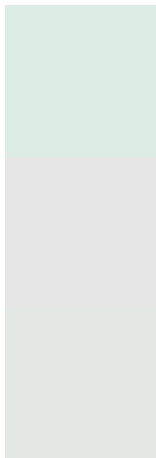
Original Color
92, 6.771, 161.452

Protanomaly
92, 3.680, 121.103

Deuteranomaly
92, 5.433, 14.233

Tritanomaly
92, 6.165, 256.555

Monochromacy



Original Color
92, 6.771, 161.452

Achromatopsia
91, 0.011, 296.813

Achromatomaly
92, 2.367, 158.647

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 6.771, 161.452 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(221, 236, 228)` looks like.

```
.text, #text, p{  
    color:rgb(221, 236, 228)  
}
```

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(221, 236, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 236, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 6.771, 161.452 is called "border". The border property can be set on classes, ids or directly on the HTML element.

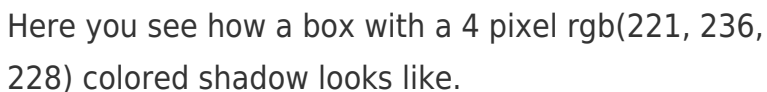
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(221, 236, 228) }
```

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

```
.border{ border-color:rgb(221, 236, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(221, 236, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 236, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 236, 228); box-shadow:4px 4px 4px 4px rgb(221, 236, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 6.771, 161.452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 236, 228) }
```

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

```
.background{ background-color: rgb(221,  
236, 228) }
```

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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