

Converting Colors

CIELCh(92, 5.405, 187.317)

Have a look what the booklet for
CIELCh(92, 5.405, 187.317) contains.

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Color

CIELCh(92, 5.373, 188.047)

Conversions

Conversions Part 1

Format	Color
Hex	DCEBE9
RGB	220, 235, 233
RGB Percent	86%, 92%, 91%
CMY	0.1363, 0.0775, 0.0853
CMYK	0.06, 0.00, 0.01, 0.08
HSL	172°, 28%, 89%
HSV	172°, 6%, 92%
XYZ	74.1072, 80.7044, 88.9425
YIQ	230.2870, -8.2980, -3.8020

Conversions

Conversions Part 2

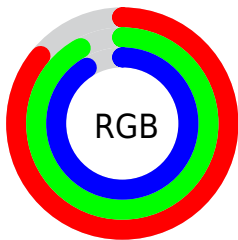
Format	Color
R _Y B	220, 228, 235
Decimal	14478313
CIE Lab	92.00, -5.32, -0.75
CIE LCh	92, 5.373, 188.047
Yxy	80.7044, 0.3040, 0.3311
Android (android.graphics.Color)	4292668393 (0xFFDCEBE9)
YUV	230.2870, 1.3375, -9.0217
Hunter-Lab	89.8356, -9.9643, 4.1844

Details

The CIELCh color **92, 5.373, 188.047** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 5.542, 8.889**, 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, 5.284, 187.151** is the 20% darker color. If you saturate the color by 10%, you get **90, 13.553, 187.123**, and if you desaturate by 10%, it is **94, 3.099, 8.544**.

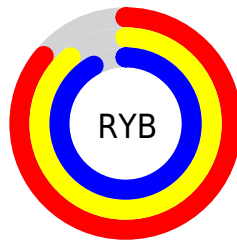
Distribution



Red (86%)

Green (92%)

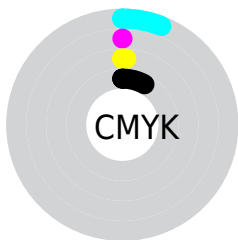
Blue (91%)



Red (86%)

Yellow (89%)

Blue (92%)

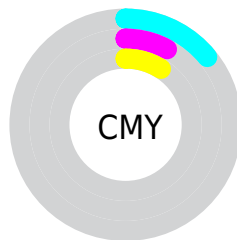


Cyan (6%)

Magenta (0%)

Yellow (1%)

Black (8%)



Cyan (14%)

Magenta (8%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 5.373, 188.047 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, 5.373, 188.047 by changing the saturation by 10% instead.

92, 5.373, 188.047

92, 5.373, 188.047

100, 5.373,
188.047

82, 5.373, 188.047

72, 5.373, 188.047

62, 5.373, 188.047

52, 5.373, 188.047

42, 5.373, 188.047

32, 5.373, 188.047

22, 5.373, 188.047

12, 5.373, 188.047

2, 5.373, 188.047

92, 5.373, 188.047

92, 5.373, 188.047

90, 13.553,
187.123

94, 3.099, 8.544

89, 21.308,
186.242

95, 7.409, 2.639

88, 28.499,
185.336

95, 8.019, 351.582

87, 34.981,
184.390

95, 8.886, 342.401

86, 40.621,
183.387

95, 9.943, 335.033

95, 11.137,
329.184

85, 45.313,
182.309

95, 12.328,
324.845

85, 48.998,
181.135

84, 51.684,
179.845

■ 84, 53.463,
178.424

Harmonies

Complementary

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



92, 5.373, 188.047



89, 5.542, 8.889

Rectangle

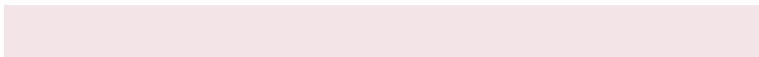
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 5.373, 188.047



92, 5.373, 238.047



92, 5.373, 8.047



92, 5.373, 58.047

Sweetspot

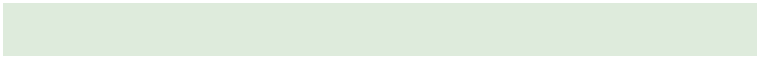
The Sweet Spot groups the original color and five complimentary colors.



92, 5.375, 188.030



100, 1.808, 188.629



92, 9.036, 140.007



53, 1.028, 188.656



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

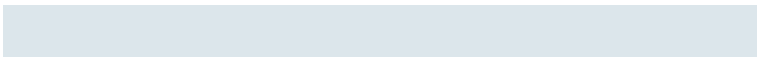
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 5.375, 188.030



98, 7.178, 187.870



91, 4.323, 238.478



48, 4.752, 187.737



66, 44.250, 178.162



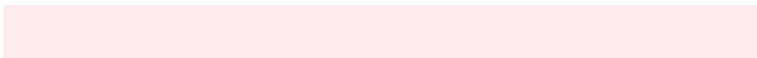
19, 18.518, 180.526

Inverse Universe

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



89, 5.542, 8.889



95, 7.458, 9.064



90, 4.448, 57.097



46, 4.971, 9.213



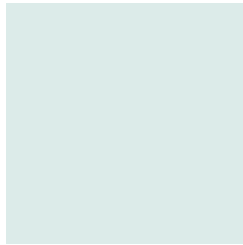
38, 75.027, 33.897



7, 28.055, 17.233

Previews

White Background



This preview shows how the CIE LCh color 92, 5.373, 188.047 looks on a white background.

Color Contrast Check

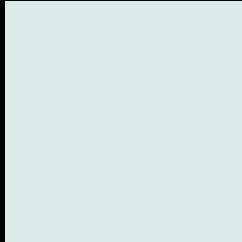
Large Text (above 18pt) WCAG AA × Fail

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, 5.373, 188.047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

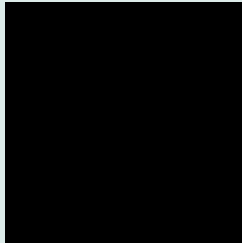
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

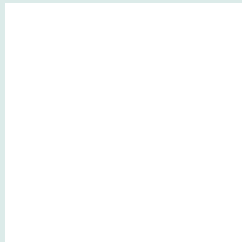
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 5.373, 188.047

Background



This preview shows how black text looks on a background with the CIELCh color 92, 5.373, 188.047.

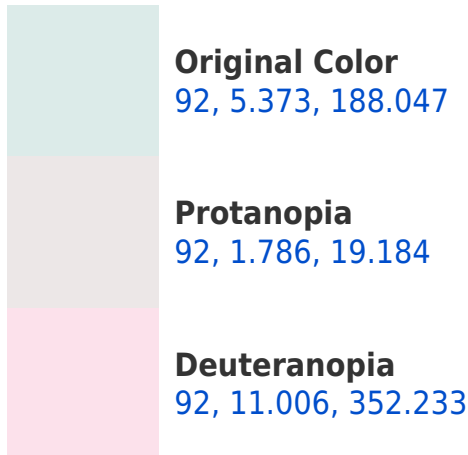


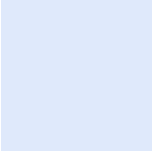
This preview shows how white text looks on a background with the CIELCh color 92, 5.373, 188.047.

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](#).

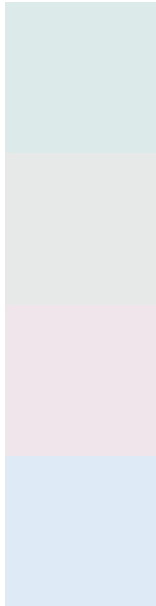
Dichromacy





Tritanopia
92, 9.843, 270.712

Trichromacy



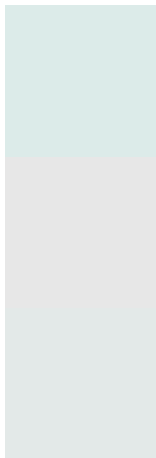
Original Color
92, 5.373, 188.047

Protanomaly
92, 1.183, 174.017

Deuteranomaly
92, 4.723, 346.465

Tritanomaly
92, 6.957, 254.297

Monochromacy



Original Color
92, 5.373, 188.047

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 2.187, 185.871

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 5.373, 188.047 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, 235, 233)` looks like.

```
.text, #text, p{  
    color:rgb(220, 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(220, 235, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 235, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 5.373, 188.047 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, 235, 233) }
```

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

```
.border{ border-color:rgb(220, 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(220, 235, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 235, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 235, 233);  
box-shadow:4px 4px 4px 4px rgb(220, 235,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 5.373, 188.047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 235, 233) }
```

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

```
.background{ background-color: rgb(220,  
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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