

Converting Colors

CIELCh(66, 23.991, 142.139)

Have a look what the booklet for
CIELCh(66, 23.991, 142.139)
contains.

CIELCh(66, 23.932, 141.698)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(66, 23.932, 141.698)

Conversions

Conversions Part 1

Format	Color
Hex	87A985
RGB	135, 169, 133
RGB Percent	53%, 66%, 52%
CMY	0.4698, 0.3364, 0.4776
CMYK	0.20, 0.00, 0.21, 0.34
HSL	117°, 17%, 59%
HSV	117°, 21%, 66%
XYZ	28.5016, 35.3238, 27.5814
YIQ	154.7300, -8.7080, -18.4040

Conversions

Conversions Part 2

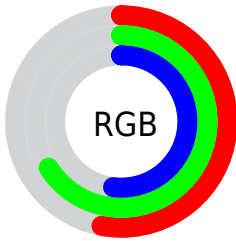
Format	Color
RYB	133, 169, 167
Decimal	8890757
CIELab	66.00, -18.78, 14.83
CIELCh	66, 23.932, 141.698
Yxy	35.3238, 0.3118, 0.3864
Android (android.graphics.Color)	4287080837 (0xFF87A985)
YUV	154.7300, -10.7129, -17.3032
Hunter-Lab	59.4338, -18.4093, 14.0890

Details

The CIELCh color **66, 23.932, 141.698** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **60, 24.001, 324.008**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 23.763, 141.355**, and **46, 24.142, 141.121** is the 20% darker color. If you saturate the color by 10%, you get **65, 35.156, 140.954**, and if you desaturate by 10%, it is **67, 12.639, 142.349**.

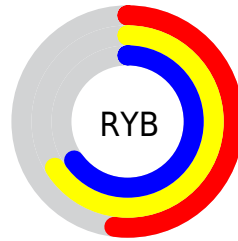
Distribution



Red (53%)

Green (66%)

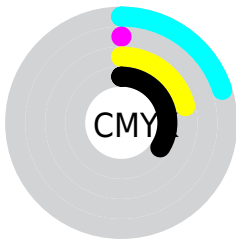
Blue (52%)



Red (52%)

Yellow (66%)

Blue (65%)

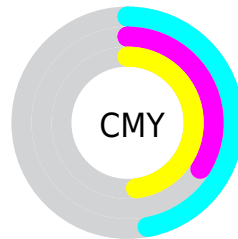


Cyan (20%)

Magenta (0%)

Yellow (21%)

Black (34%)



Cyan (47%)


Magenta (34%)

Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 23.932, 141.698 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 66, 23.932, 141.698 by changing the saturation by 10% instead.


 66, 23.932,
141.698


 66, 23.932,
141.698


 100, 23.932,
141.698


 56, 23.932,
141.698


 86, 23.932,
141.698

 46, 23.932,
141.698

 96, 23.932,
141.698

 36, 23.932,
141.698

 26, 23.932,
141.698

 16, 23.932,
141.698

 6, 23.932, 141.698

 0, 23.932, 141.698

66, 23.932,
141.698

66, 23.932,
141.698

65, 35.156,
140.954

67, 12.639,
142.349

64, 46.107,
140.112

69, 1.418, 143.035

63, 56.528,
139.187

71, 9.623, 323.328

62, 66.089,
138.221

73, 20.414,
323.738

61, 74.388,
137.292

75, 30.911,
324.079

61, 80.970,
136.521

77, 41.089,
324.367

60, 85.430,
136.037

79, 50.939,
324.612

60, 87.788,

80, 53.578,
326.272

135.760

Harmonies

Complementary

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



66, 23.932, 141.698



60, 24.001, 324.008

Rectangle

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



66, 23.932, 141.698



66, 23.932, 191.698



66, 23.932, 321.698



66, 23.932, 11.698

Sweetspot

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



66, 23.934, 141.698



86, 8.270, 142.659



68, 18.386, 105.218



45, 5.480, 142.622



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



66, 23.934, 141.698



83, 36.117, 141.325



66, 17.754, 158.476



35, 6.304, 142.470



53, 79.468, 135.715



5, 11.493, 143.159

Inverse Universe

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



60, 24.001, 324.008



73, 36.226, 324.266



60, 18.088, 341.933



33, 6.320, 323.392



33, 77.220, 326.092



2, 11.389, 322.347

Previews

White Background



This preview shows how the CIELCh color 66, 23.932, 141.698 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 66, 23.932, 141.698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

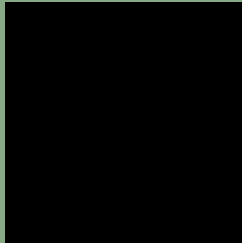
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 23.932, 141.698

Background



This preview shows how black text looks on a background with the CIELCh color 66, 23.932, 141.698.

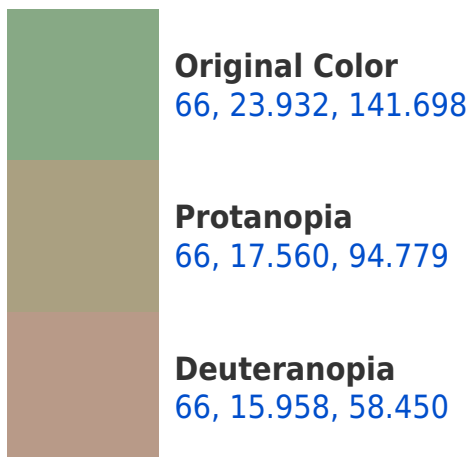


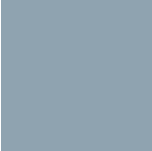
This preview shows how white text looks on a background with the CIELCh color 66, 23.932, 141.698.

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
66, 9.979, 245.425

Trichromacy



Original Color
66, 23.932, 141.698

Protanomaly
66, 17.757, 116.168

Deuteranomaly
66, 13.988, 98.684

Tritanomaly
66, 9.705, 181.956

Monochromacy



Original Color
66, 23.932, 141.698

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 8.619, 141.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 23.932, 141.698 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(135, 169, 133)` looks like.

```
.text, #text, p{  
    color:rgb(135, 169, 133)  
}
```

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(135, 169, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 169, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 23.932, 141.698 is called "border". The border property can be set on classes, ids or directly on the HTML element.

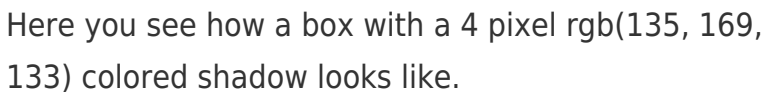
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 169, 133) }
```

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

```
.border{ border-color:rgb(135, 169, 133) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 169, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 169, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 169, 133); box-shadow:4px 4px 4px 4px rgb(135, 169, 133) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 23.932, 141.698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 169, 133) }
```

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

```
.background{ background-color: rgb(135,  
169, 133) }
```

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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