

Converting Colors

CIELCh(62, 25.522, 130.869)

Have a look what the booklet for
CIELCh(62, 25.522, 130.869)
contains.

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Color

CIELCh(62, 25.275, 130.346)

Conversions

Conversions Part 1

Format	Color
Hex	859D73
RGB	133, 157, 115
RGB Percent	52%, 62%, 45%
CMY	0.4779, 0.3837, 0.5485
CMYK	0.15, 0.00, 0.27, 0.38
HSL	94°, 18%, 53%
HSV	94°, 27%, 62%
XYZ	24.8795, 30.4025, 20.8184
YIQ	145.0360, -0.8220, -18.1500

Conversions

Conversions Part 2

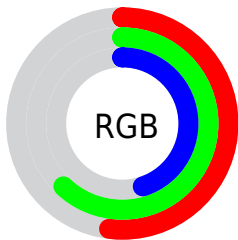
Format	Color
RYB	115, 157, 139
Decimal	8756595
CIELab	62.00, -16.36, 19.26
CIELCh	62, 25.275, 130.346
Yxy	30.4025, 0.3269, 0.3995
Android (android.graphics.Color)	4286946675 (0xFF859D73)
YUV	145.0360, -14.8077, -10.5556
Hunter-Lab	55.1385, -15.9498, 16.2111

Details

The CIELCh color $62, 25.275, 130.346$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $52, 26.050, 312.693$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 25.516, 130.044$, and $42, 25.251, 130.544$ is the 20% darker color. If you saturate the color by 10%, you get $61, 34.612, 129.867$, and if you desaturate by 10%, it is $63, 15.824, 130.817$.

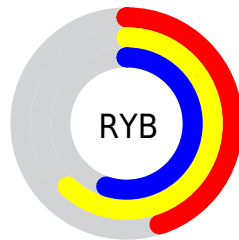
Distribution



Red (52%)

Green (62%)

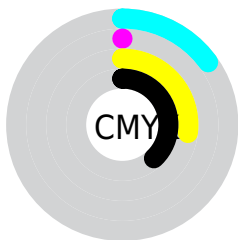
Blue (45%)



Red (45%)

Yellow (62%)

Blue (55%)

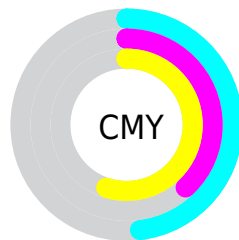


Cyan (15%)

Magenta (0%)

Yellow (27%)

Black (38%)



Cyan (48%)


Magenta (38%)


Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 25.275, 130.346 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 62, 25.275, 130.346 by changing the saturation by 10% instead.


 62, 25.275,
130.346


 62, 25.275,
130.346


 100, 25.275,
130.346


 52, 25.275,
130.346


 82, 25.275,
130.346

 42, 25.275,
130.346

 92, 25.275,
130.346

 32, 25.275,
130.346

 22, 25.275,
130.346

 12, 25.275,
130.346

 2, 25.275, 130.346

 0, 25.275, 130.346

62, 25.275,
130.346

62, 25.275,
130.346

61, 34.612,
129.867

63, 15.824,
130.817

60, 43.697,
129.402

64, 6.349, 131.268

60, 52.342,
128.999

65, 3.081, 311.615

59, 60.283,
128.732

66, 12.420,
312.009

58, 67.172,
128.702

68, 21.633,
312.341

58, 72.616,
129.033

69, 30.696,
312.634


58, 76.417,
129.780

70, 39.595,
312.893

57, 77.527,

72, 48.320,
313.121

130.016

 73, 56.092,
313.596

Harmonies

Complementary

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



62, 25.275, 130.346



52, 26.050, 312.693

Rectangle

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



62, 25.275, 130.346



62, 25.275, 180.346



62, 25.275, 310.346



62, 25.275, 0.346

Sweetspot

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



62, 25.277, 130.347



81, 9.338, 131.204



59, 15.544, 78.880



42, 6.624, 131.141



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



62, 25.277, 130.347



78, 37.363, 130.065



61, 27.541, 144.480



33, 5.364, 131.155



52, 72.182, 129.885



4, 7.058, 132.268

Inverse Universe

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



52, 26.050, 312.693



63, 38.780, 312.971



54, 27.563, 327.764



31, 5.425, 311.895



23, 79.651, 313.874



1, 6.973, 310.520

Previews

White Background



This preview shows how the CIELCh color 62, 25.275, 130.346 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 62, 25.275, 130.346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

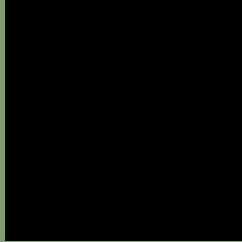
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 25.275, 130.346

Background



This preview shows how black text looks on a background with the CIELCh color 62, 25.275, 130.346.

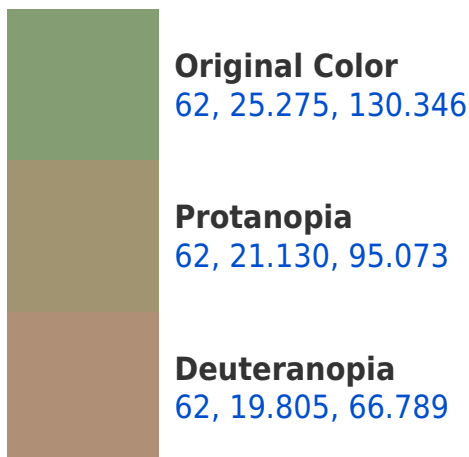


This preview shows how white text looks on a background with the CIELCh color 62, 25.275, 130.346.

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
62, 7.761, 259.671

Trichromacy



Original Color
62, 25.275, 130.346

Protanomaly
62, 21.645, 109.975

Deuteranomaly
62, 18.436, 93.629

Tritanomaly
62, 7.002, 164.714

Monochromacy



Original Color
62, 25.275, 130.346

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 9.017, 129.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 25.275, 130.346 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(133, 157, 115)` looks like.

```
.text, #text, p{  
    color:rgb(133, 157, 115)  
}
```

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(133, 157, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 157, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 25.275, 130.346 is called "border". The border property can be set on classes, ids or directly on the HTML element.

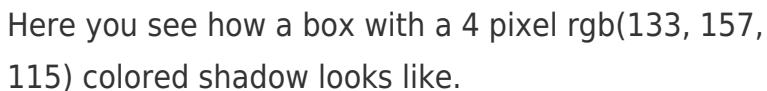
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(133, 157, 115) }
```

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

```
.border{ border-color:rgb(133, 157, 115) }
```

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



Here you see how a box with a 4 pixel `rgb(133, 157, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 157, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 157, 115); box-shadow:4px 4px 4px 4px rgb(133, 157, 115) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 25.275, 130.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 157, 115) }
```

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

```
.background{ background-color: rgb(133,  
157, 115) }
```

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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