

Converting Colors

CIELCh(62, 14.108, 135.965)

Have a look what the booklet for
CIELCh(62, 14.108, 135.965)
contains.

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Color

CIELCh(62, 14.538, 136.312)

Conversions

Conversions Part 1

Format	Color
Hex	8A9B84
RGB	138, 155, 132
RGB Percent	54%, 61%, 52%
CMY	0.4598, 0.3931, 0.4833
CMYK	0.11, 0.00, 0.15, 0.39
HSL	104°, 10%, 56%
HSV	104°, 15%, 61%
XYZ	26.2699, 30.4025, 26.2277
YIQ	147.2950, -2.7490, -10.7570

Conversions

Conversions Part 2

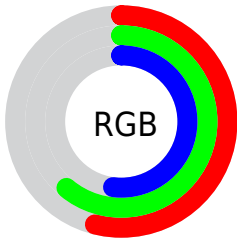
Format	Color
RYB	132, 155, 149
Decimal	9083780
CIELab	62.00, -10.51, 10.04
CIELCh	62, 14.538, 136.312
Yxy	30.4025, 0.3169, 0.3667
Android (android.graphics.Color)	4287273860 (0xFF8A9B84)
YUV	147.2950, -7.5404, -8.1517
Hunter-Lab	55.1385, -11.4487, 10.3945

Details

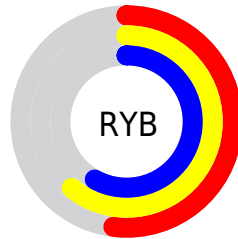
The CIELCh color $62, 14.538, 136.312$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 14.681, 317.571$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 14.206, 135.510$, and $42, 14.379, 136.767$ is the 20% darker color. If you saturate the color by 10%, you get $61, 24.368, 135.799$, and if you desaturate by 10%, it is $63, 4.729, 136.793$.

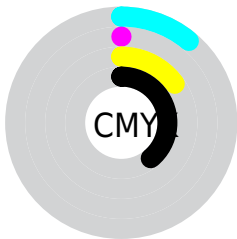
Distribution



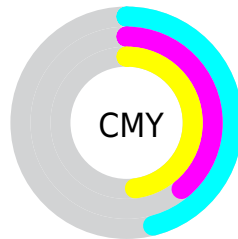
- Red (54%)
- Green (61%)
- Blue (52%)



- Red (52%)
- Yellow (61%)
- Blue (58%)



- Cyan (11%)
- Magenta (0%)
- Yellow (15%)
- Black (39%)





- Cyan (46%)
- Magenta (39%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 14.538, 136.312 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, 14.538, 136.312 by changing the saturation by 10% instead.


 62, 14.538,
136.312


 62, 14.538,
136.312


 100, 14.538,
136.312


 52, 14.538,
136.312


 82, 14.538,
136.312

 42, 14.538,
136.312

 92, 14.538,
136.312

 32, 14.538,
136.312

 22, 14.538,
136.312

 12, 14.538,
136.312

 2, 14.538, 136.312

 0, 14.538, 136.312

62, 14.538,
136.312

62, 14.538,
136.312

61, 24.368,
135.799

63, 4.729, 136.793

60, 34.109,
135.242

65, 4.988, 317.130

59, 43.615,
134.657

66, 14.556,
317.503

58, 52.687,
134.081

68, 23.939,
317.812

57, 61.054,
133.574

69, 33.114,
318.077

57, 68.364,
133.231

71, 42.068,
318.304


56, 74.211,
133.173


73, 50.794,
318.498

56, 78.272,

74, 59.028,
318.789

133.495

 76, 60.344,
322.310

 56, 79.964,
133.657

Harmonies

Complementary

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



62, 14.538, 136.312



57, 14.681, 317.571

Rectangle

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



62, 14.538, 136.312



62, 14.538, 186.312



62, 14.538, 316.312



62, 14.538, 6.312

Sweetspot

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



62, 14.540, 136.313



80, 4.823, 136.833



62, 9.743, 94.335



43, 3.457, 136.796



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, 14.540, 136.313



78, 21.857, 136.139



62, 13.386, 150.736



32, 5.466, 136.584



51, 74.321, 133.554



3, 5.904, 137.098

Inverse Universe

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



57, 14.681, 317.571



71, 22.112, 317.722



58, 13.444, 332.641



30, 5.503, 317.325



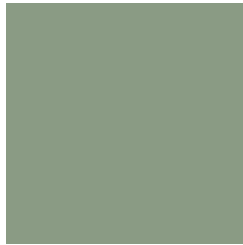
26, 76.140, 318.821



1, 5.877, 316.574

Previews

White Background



This preview shows how the CIELCh color 62, 14.538, 136.312 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, 14.538, 136.312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

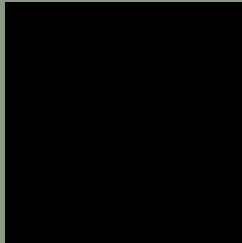
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

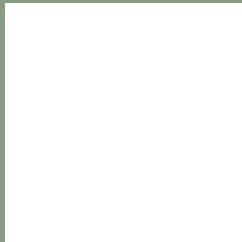
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 14.538, 136.312

Background



This preview shows how black text looks on a background with the CIELCh color 62, 14.538, 136.312.



This preview shows how white text looks on a background with the CIELCh color 62, 14.538, 136.312.

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
62, 14.538, 136.312

Protanopia
62, 11.636, 92.597

Deuteranopia
62, 12.069, 47.701



Tritanopia
62, 7.162, 269.797

Trichromacy



Original Color
62, 14.538, 136.312

Protanomaly
62, 11.722, 110.845

Deuteranomaly
62, 9.315, 83.416

Tritanomaly
62, 4.217, 191.461

Monochromacy



Original Color
62, 14.538, 136.312

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 5.583, 134.451

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 14.538, 136.312 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(138, 155, 132)` looks like.

```
.text, #text, p{  
    color:rgb(138, 155, 132)  
}
```

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(138, 155, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 155, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 14.538, 136.312 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(138, 155, 132) }
```

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

```
.border{ border-color:rgb(138, 155, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 155, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 155, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 155, 132); box-shadow:4px 4px 4px 4px rgb(138, 155, 132) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 14.538, 136.312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 155, 132) }
```

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

```
.background{ background-color: rgb(138,  
155, 132) }
```

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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