

Converting Colors

CIELCh(62, 21.470, 124.525)

Have a look what the booklet for
CIELCh(62, 21.470, 124.525)
contains.

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Color

CIELCh(62, 21.446, 124.532)

Conversions

Conversions Part 1

Format	Color
Hex	8C9B76
RGB	140, 155, 118
RGB Percent	55%, 61%, 46%
CMY	0.4503, 0.3915, 0.5366
CMYK	0.10, 0.00, 0.24, 0.39
HSL	84°, 16%, 54%
HSV	84°, 24%, 61%
XYZ	25.8740, 30.4025, 21.6955
YIQ	146.2970, 2.9370, -14.6870

Conversions

Conversions Part 2

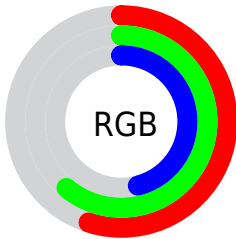
Format	Color
RYB	118, 155, 133
Decimal	9214838
CIELab	62.00, -12.16, 17.67
CIELCh	62, 21.446, 124.532
Yxy	30.4025, 0.3318, 0.3899
Android (android.graphics.Color)	4287404918 (0xFF8C9B76)
YUV	146.2970, -13.9504, -5.5225
Hunter-Lab	55.1385, -12.7303, 15.2679

Details

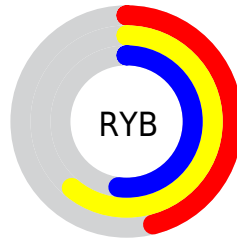
The CIELCh color **62, 21.446, 124.532** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **52, 22.296, 306.960**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 21.315, 123.994**, and **42, 21.700, 123.899** is the 20% darker color. If you saturate the color by 10%, you get **61, 30.316, 124.031**, and if you desaturate by 10%, it is **63, 12.470, 125.039**.

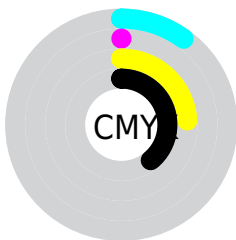
Distribution



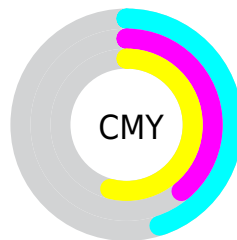
- Red (55%)
- Green (61%)
- Blue (46%)



- Red (46%)
- Yellow (61%)
- Blue (52%)



- Cyan (10%)
- Magenta (0%)
- Yellow (24%)
- Black (39%)





- Cyan (45%)
- Magenta (39%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 21.446, 124.532 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, 21.446, 124.532 by changing the saturation by 10% instead.


 62, 21.446,
124.532


 62, 21.446,
124.532


 100, 21.446,
124.532


 52, 21.446,
124.532


 82, 21.446,
124.532

 42, 21.446,
124.532

 92, 21.446,
124.532

 32, 21.446,
124.532

 22, 21.446,
124.532

 12, 21.446,
124.532

 2, 21.446, 124.532

 0, 21.446, 124.532

62, 21.446,
124.532

62, 21.446,
124.532

61, 30.316,
124.031

63, 12.470,
125.039

61, 38.966,
123.553

64, 3.459, 125.539

60, 47.240,
123.144

65, 5.533, 305.964

59, 54.909,
122.866

66, 14.468,
306.400

59, 61.658,
122.810

67, 23.320,
306.797

58, 67.112,
123.089

68, 32.067,
307.160


58, 70.946,
123.810

69, 40.696,
307.491

58, 72.837,

70, 49.197,
307.790

124.348

 71, 56.116,
308.382

Harmonies

Complementary

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



62, 21.446, 124.532



52, 22.296, 306.960

Rectangle

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



62, 21.446, 124.532



62, 21.446, 174.532



62, 21.446, 304.532



62, 21.446, 354.532

Sweetspot

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



62, 21.448, 124.534



80, 7.790, 125.372



57, 12.628, 61.520



43, 5.102, 125.346



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, 21.448, 124.534



78, 32.194, 124.245



61, 24.644, 140.381



32, 5.028, 125.269



53, 67.571, 124.204



3, 5.457, 126.059

Inverse Universe

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



52, 22.296, 306.960



63, 33.811, 307.310



54, 24.771, 322.839



30, 5.107, 306.141



19, 81.370, 310.204



1, 5.441, 305.449

Previews

White Background



This preview shows how the CIELCh color 62, 21.446, 124.532 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, 21.446, 124.532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

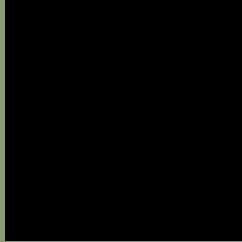
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 21.446, 124.532

Background



This preview shows how black text looks on a background with the CIELCh color 62, 21.446, 124.532.



This preview shows how white text looks on a background with the CIELCh color 62, 21.446, 124.532.

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](#).

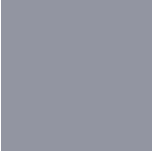
Dichromacy



Original Color
62, 21.446, 124.532

Protanopia
62, 19.513, 94.266

Deuteranopia
62, 18.210, 64.618



Tritanopia
62, 6.812, 281.511

Trichromacy



Original Color
62, 21.446, 124.532

Protanomaly
62, 19.468, 105.531

Deuteranomaly
62, 16.720, 87.871

Tritanomaly
62, 4.341, 148.393

Monochromacy



Original Color
62, 21.446, 124.532

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 7.565, 124.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 21.446, 124.532 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(140, 155, 118)` looks like.

```
.text, #text, p{  
    color:rgb(140, 155, 118)  
}
```

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(140, 155, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 155, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 21.446, 124.532 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(140, 155, 118) }
```

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

```
.border{ border-color:rgb(140, 155, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 155, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 155, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 155, 118);  
box-shadow:4px 4px 4px 4px rgb(140, 155,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 21.446, 124.532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 155, 118) }
```

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

```
.background{ background-color: rgb(140,  
155, 118) }
```

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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