

Converting Colors

CIELCh(62, 25.691, 115.812)

Have a look what the booklet for
CIELCh(62, 25.691, 115.812)
contains.

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Color

CIELCh(62, 25.691, 115.812)

Conversions

Conversions Part 1

Format	Color
Hex	919A6C
RGB	145, 154, 108
RGB Percent	57%, 60%, 42%
CMY	0.4297, 0.3944, 0.5749
CMYK	0.06, 0.00, 0.30, 0.39
HSL	72°, 19%, 52%
HSV	72°, 30%, 61%
XYZ	26.1072, 30.4025, 18.7931
YIQ	146.0650, 9.4020, -16.2140

Conversions

Conversions Part 2

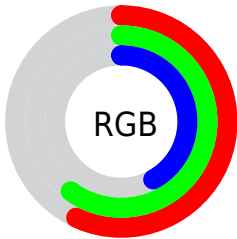
Format	Color
RYB	108, 154, 117
Decimal	9542252
CIELab	62.00, -11.19, 23.13
CIELCh	62, 25.691, 115.812
Yxy	30.4025, 0.3467, 0.4037
Android (android.graphics.Color)	4287732332 (0xFF919A6C)
YUV	146.0650, -18.7660, -0.9340
Hunter-Lab	55.1385, -11.9754, 18.3888

Details

The CIELCh color $62, 25.691, 115.812$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $48, 27.421, 300.250$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 25.417, 115.900$, and $42, 25.649, 115.728$ is the 20% darker color. If you saturate the color by 10%, you get $62, 34.036, 115.156$, and if you desaturate by 10%, it is $63, 17.154, 116.495$.

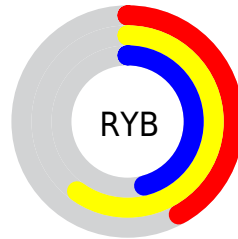
Distribution



Red (57%)

Green (60%)

Blue (42%)



Red (42%)

Yellow (60%)

Blue (46%)

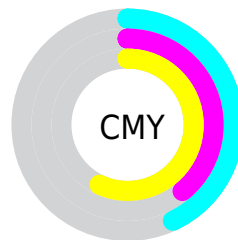


Cyan (6%)

Magenta (0%)

Yellow (30%)

Black (39%)



Cyan (43%)


Magenta (39%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 25.691, 115.812 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, 25.691, 115.812 by changing the saturation by 10% instead.


 62, 25.691,
115.812


 62, 25.691,
115.812


 100, 25.691,
115.812


 52, 25.691,
115.812


 82, 25.691,
115.812

 42, 25.691,
115.812

 92, 25.691,
115.812

 32, 25.691,
115.812

 22, 25.691,
115.812

 12, 25.691,
115.812

 2, 25.691, 115.812

 0, 25.691, 115.812

■ 62, 25.691,
115.812

■ 62, 25.691,
115.812

■ 62, 34.036,
115.156

■ 63, 17.154,
116.495

■ 61, 42.052,
114.550

■ 63, 8.509, 117.174

■ 61, 49.538,
114.041

■ 64, 0.180, 297.793

■ 64, 8.873, 298.477

■ 60, 56.212,
113.692

■ 65, 17.538,
299.088

■ 60, 61.706,
113.584

■ 66, 26.156,
299.665

■ 60, 65.650,
113.803

■ 67, 34.709,
300.207

■ 59, 68.225,
114.307

■ 68, 43.185,
300.714

■ 59, 68.275,

114.317

■ 69, 51.574,
301.187

Harmonies

Complementary

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



62, 25.691, 115.812



48, 27.421, 300.250

Rectangle

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



62, 25.691, 115.812



62, 25.691, 165.812



62, 25.691, 295.812



62, 25.691, 345.812

Sweetspot

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



62, 25.692, 115.815



80, 9.702, 117.216



53, 17.009, 37.545



43, 6.795, 117.124



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, 25.692, 115.815



79, 38.341, 115.356



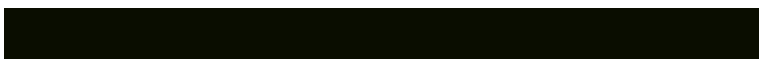
60, 28.665, 133.834



32, 4.869, 117.214



54, 63.613, 114.228



3, 5.292, 118.343

Inverse Universe

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



48, 27.421, 300.250



58, 41.662, 300.961



50, 29.340, 316.450



30, 4.967, 298.469



16, 84.332, 307.374



0, 5.284, 297.697

Previews

White Background



This preview shows how the CIELCh color 62, 25.691, 115.812 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, 25.691, 115.812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

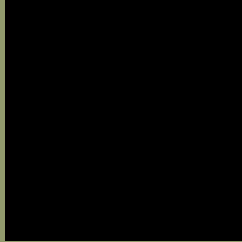
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

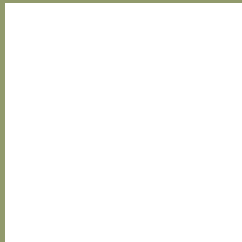
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 25.691, 115.812

Background



This preview shows how black text looks on a background with the CIELCh color 62, 25.691, 115.812.



This preview shows how white text looks on a background with the CIELCh color 62, 25.691, 115.812.

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, 25.691, 115.812

Protanopia
62, 24.870, 96.473

Deuteranopia
62, 23.394, 69.265



Tritanopia
62, 6.931, 303.448

Trichromacy



Original Color
62, 25.691, 115.812

Protanomaly
62, 24.922, 104.450

Deuteranomaly
62, 22.251, 86.346

Tritanomaly
62, 5.029, 109.608

Monochromacy



Original Color
62, 25.691, 115.812

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 9.599, 116.301

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 25.691, 115.812 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(145, 154, 108)` looks like.

```
.text, #text, p{  
    color:rgb(145, 154, 108)  
}
```

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(145, 154, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 154, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 25.691, 115.812 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(145, 154, 108) }
```

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

```
.border{ border-color:rgb(145, 154, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 154, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 154, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 154, 108);  
box-shadow:4px 4px 4px 4px rgb(145, 154,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 25.691, 115.812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 154, 108) }
```

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

```
.background{ background-color: rgb(145,  
154, 108) }
```

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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