

Converting Colors

CIELCh(61, 21.733, 103.121)

Have a look what the booklet for
CIELCh(61, 21.733, 103.121)
contains.

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Color

CIELCh(61, 21.759, 103.248)

Conversions

Conversions Part 1

Format	Color
Hex	99956E
RGB	153, 149, 110
RGB Percent	60%, 58%, 43%
CMY	0.4013, 0.4170, 0.5699
CMYK	0.00, 0.03, 0.28, 0.40
HSL	54°, 17%, 51%
HSV	54°, 28%, 60%
XYZ	26.5652, 29.2481, 18.9066
YIQ	145.7500, 14.9030, -11.2810

Conversions

Conversions Part 2

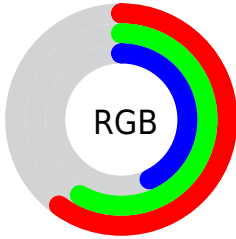
Format	Color
RYB	114, 153, 110
Decimal	10065262
CIELab	61.00, -4.99, 21.18
CIELCh	61, 21.759, 103.248
Yxy	29.2481, 0.3555, 0.3914
Android (android.graphics.Color)	4288255342 (0xFF99956E)
YUV	145.7500, -17.6247, 6.3583
Hunter-Lab	54.0815, -6.9623, 17.1296

Details

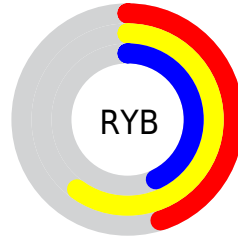
The CIELCh color $61, 21.759, 103.248$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $49, 22.930, 289.670$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 21.678, 103.026$, and $41, 21.501, 103.135$ is the 20% darker color. If you saturate the color by 10%, you get $60, 29.356, 102.207$, and if you desaturate by 10%, it is $62, 14.056, 104.293$.

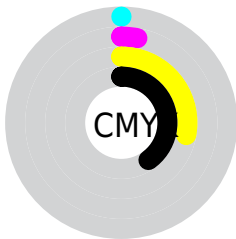
Distribution



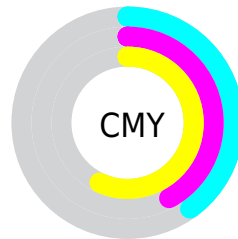
- Red (60%)
- Green (58%)
- Blue (43%)



- Red (45%)
- Yellow (60%)
- Blue (43%)



- Cyan (0%)
- Magenta (3%)
- Yellow (28%)
- Black (40%)





- Cyan (40%)
- Magenta (42%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 21.759, 103.248 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 61, 21.759, 103.248 by changing the saturation by 10% instead.


 61, 21.759,
103.248


 61, 21.759,
103.248


 100, 21.759,
103.248


 51, 21.759,
103.248


 81, 21.759,
103.248

 41, 21.759,
103.248

 91, 21.759,
103.248

 31, 21.759,
103.248

 21, 21.759,
103.248

 11, 21.759,
103.248

 1, 21.759, 103.248

 0, 21.759, 103.248

■ 61, 21.759,
103.248

■ 61, 21.759,
103.248

■ 60, 29.356,
102.207

■ 62, 14.056,
104.293

■ 60, 36.736,
101.173

■ 62, 6.310, 105.314

■ 59, 43.728,
100.168

■ 63, 1.438, 286.391

■ 59, 50.069, 99.209

■ 64, 9.163, 287.315

■ 58, 55.387, 98.317

■ 65, 16.849,
288.249

■ 58, 59.242, 97.504

■ 66, 24.486,
289.145

■ 57, 61.531, 96.762

■ 67, 32.069,
290.000

■ 57, 61.928, 96.629

■ 68, 39.592,
290.811

■ 69, 47.053,
291.580

Harmonies

Complementary

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



61, 21.759, 103.248



49, 22.930, 289.670

Rectangle

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



61, 21.759, 103.248



61, 21.759, 153.248



61, 21.759, 283.248



61, 21.759, 333.248

Sweetspot

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



61, 21.760, 103.252



79, 7.682, 105.314



51, 18.264, 13.894



42, 5.446, 105.172



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



61, 21.760, 103.252



77, 32.519, 102.570



61, 24.917, 124.112



32, 4.383, 105.207



53, 58.236, 96.679



3, 4.700, 105.664

Inverse Universe

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



49, 22.930, 289.670



59, 34.782, 290.730



49, 26.112, 307.036



30, 4.459, 287.147



16, 81.068, 304.716



0, 4.759, 286.223

Previews

White Background



This preview shows how the CIELCh color 61, 21.759, 103.248 looks on a white background.

Color Contrast Check

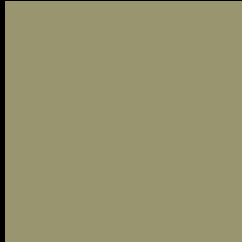
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 21.759, 103.248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

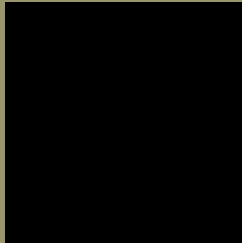
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 21.759, 103.248

Background



This preview shows how black text looks on a background with the CIELCh color 61, 21.759, 103.248.



This preview shows how white text looks on a background with the CIELCh color 61, 21.759, 103.248.

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


61, 21.759, 103.248

Protanopia

61, 21.721, 95.265

Deuteranopia

61, 21.979, 69.346



Tritanopia
61, 8.503, 333.554

Trichromacy



Original Color
61, 21.759, 103.248

Protanomaly
61, 21.988, 98.787

Deuteranomaly
61, 20.843, 81.141

Tritanomaly
61, 5.889, 61.377

Monochromacy



Original Color
61, 21.759, 103.248

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 7.895, 103.430

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 21.759, 103.248 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(153, 149, 110)` looks like.

```
.text, #text, p{  
    color:rgb(153, 149, 110)  
}
```

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(153, 149, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 149, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 21.759, 103.248 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(153, 149, 110) }
```

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

```
.border{ border-color:rgb(153, 149, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 149, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 149, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 149, 110);  
box-shadow:4px 4px 4px 4px rgb(153, 149,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 21.759, 103.248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 149, 110) }
```

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

```
.background{ background-color: rgb(153,  
149, 110) }
```

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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