

Converting Colors

CIELCh(61, 20.559, 136.813)

Have a look what the booklet for
CIELCh(61, 20.559, 136.813)
contains.

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Color

CIELCh(61, 20.543, 137.265)

Conversions

Conversions Part 1

Format	Color
Hex	819A7A
RGB	129, 154, 122
RGB Percent	51%, 60%, 48%
CMY	0.4935, 0.3955, 0.5210
CMYK	0.16, 0.00, 0.21, 0.40
HSL	107°, 14%, 54%
HSV	107°, 21%, 60%
XYZ	24.1777, 29.2481, 22.8306
YIQ	142.8770, -4.6280, -15.2520

Conversions

Conversions Part 2

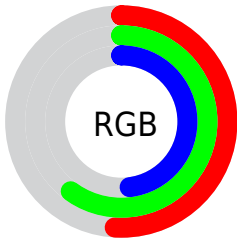
Format	Color
RYB	122, 154, 147
Decimal	8493690
CIELab	61.00, -15.09, 13.94
CIELCh	61, 20.543, 137.265
Yxy	29.2481, 0.3171, 0.3835
Android (android.graphics.Color)	4286683770 (0xFF819A7A)
YUV	142.8770, -10.2924, -12.1701
Hunter-Lab	54.0815, -14.8424, 12.8278

Details

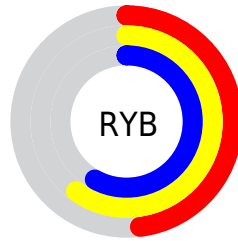
The CIELCh color $61, 20.543, 137.265$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $55, 20.764, 319.131$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 20.520, 136.990$, and $41, 20.832, 137.394$ is the 20% darker color. If you saturate the color by 10%, you get $60, 30.436, 136.695$, and if you desaturate by 10%, it is $62, 10.614, 137.783$.

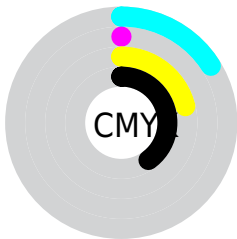
Distribution



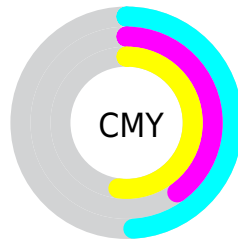
- Red (51%)
- Green (60%)
- Blue (48%)



- Red (48%)
- Yellow (60%)
- Blue (58%)



- Cyan (16%)
- Magenta (0%)
- Yellow (21%)
- Black (40%)





- Cyan (49%)
- Magenta (40%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 20.543, 137.265 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, 20.543, 137.265 by changing the saturation by 10% instead.


 61, 20.543,
137.265


 61, 20.543,
137.265


 100, 20.543,
137.265


 51, 20.543,
137.265


 81, 20.543,
137.265

 41, 20.543,
137.265

 91, 20.543,
137.265

 31, 20.543,
137.265

 21, 20.543,
137.265

 11, 20.543,
137.265

 1, 20.543, 137.265

 0, 20.543, 137.265

■ 61, 20.543,
137.265

■ 61, 20.543,
137.265

■ 60, 30.436,
136.695

■ 62, 10.614,
137.783

■ 59, 40.151,
136.078

■ 64, 0.742, 138.443

■ 58, 49.507,
135.439

■ 65, 9.001, 318.590

■ 57, 58.255,
134.825

■ 67, 18.565,
318.938

■ 57, 66.068,
134.316

■ 68, 27.920,
319.232

■ 56, 72.551,
134.023

■ 70, 37.044,
319.482


■ 56, 77.312,
134.064

■ 72, 45.929,
319.696

■ 56, 80.365,

■ 73, 54.573,
319.878

134.276

 75, 60.325,
321.383

Harmonies

Complementary

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



61, 20.543, 137.265



55, 20.764, 319.131

Rectangle

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



61, 20.543, 137.265



61, 20.543, 187.265



61, 20.543, 317.265



61, 20.543, 7.265

Sweetspot

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



61, 20.545, 137.266



80, 7.337, 138.011



61, 14.080, 95.917



43, 4.907, 137.982



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



61, 20.545, 137.266



77, 30.776, 137.002



61, 18.218, 151.488



32, 5.534, 137.859



51, 74.920, 134.188



3, 5.975, 138.360

Inverse Universe

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



55, 20.764, 319.131



68, 31.172, 319.338



55, 18.338, 334.335



30, 5.567, 318.621



27, 75.637, 320.219



1, 5.947, 317.849

Previews

White Background



This preview shows how the CIELCh color 61, 20.543, 137.265 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, 20.543, 137.265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

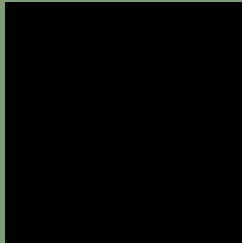
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 20.543, 137.265

Background



This preview shows how black text looks on a background with the CIELCh color 61, 20.543, 137.265.



This preview shows how white text looks on a background with the CIELCh color 61, 20.543, 137.265.

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](#).

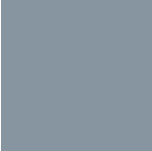
Dichromacy



Original Color
61, 20.543, 137.265

Protanopia
61, 16.106, 94.892

Deuteranopia
61, 14.844, 57.179



Tritanopia
61, 8.359, 253.276

Trichromacy



Original Color
61, 20.543, 137.265

Protanomaly
61, 16.815, 113.913

Deuteranomaly
61, 12.878, 91.991

Tritanomaly
61, 7.215, 180.572

Monochromacy



Original Color
61, 20.543, 137.265

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 7.660, 136.967

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 20.543, 137.265 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(129, 154, 122)` looks like.

```
.text, #text, p{  
    color:rgb(129, 154, 122)  
}
```

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(129, 154, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 154, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 20.543, 137.265 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(129, 154, 122) }
```

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

```
.border{ border-color:rgb(129, 154, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 154, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 154, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 154, 122);  
box-shadow:4px 4px 4px 4px rgb(129, 154,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 20.543, 137.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 154, 122) }
```

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

```
.background{ background-color: rgb(129,  
154, 122) }
```

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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