

Converting Colors

CIELCh(61, 13.474, 84.395)

Have a look what the booklet for
CIELCh(61, 13.474, 84.395) contains.

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Color

CIELCh(61, 13.465, 85.174)

Conversions

Conversions Part 1

Format	Color
Hex	9F927C
RGB	159, 146, 124
RGB Percent	62%, 57%, 49%
CMY	0.3777, 0.4287, 0.5149
CMYK	0.00, 0.08, 0.22, 0.38
HSL	38°, 15%, 55%
HSV	38°, 22%, 62%
XYZ	28.0851, 29.2481, 23.1336
YIQ	147.3790, 14.8100, -4.0860

Conversions

Conversions Part 2

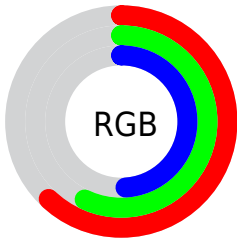
Format	Color
RYB	145, 159, 124
Decimal	10457724
CIELab	61.00, 1.13, 13.42
CIELCh	61, 13.465, 85.174
Yxy	29.2481, 0.3490, 0.3635
Android (android.graphics.Color)	4288647804 (0xFF9F927C)
YUV	147.3790, -11.5258, 10.1916
Hunter-Lab	54.0815, -1.9458, 12.4956

Details

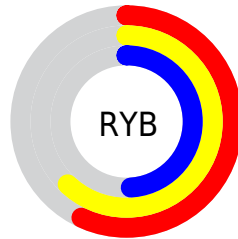
The CIELCh color $61, 13.465, 85.174$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 13.264, 271.145$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 13.311, 85.124$, and $41, 13.646, 86.648$ is the 20% darker color. If you saturate the color by 10%, you get $59, 19.822, 83.867$, and if you desaturate by 10%, it is $63, 7.261, 86.450$.

Distribution



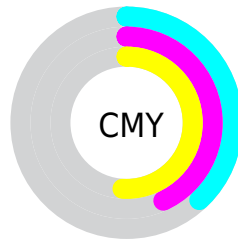
- Red (62%)
- Green (57%)
- Blue (49%)



- Red (57%)
- Yellow (62%)
- Blue (49%)



- Cyan (0%)
- Magenta (8%)
- Yellow (22%)
- Black (38%)



- Cyan (38%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 13.465, 85.174 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, 13.465, 85.174 by changing the saturation by 10% instead.

■ 61, 13.465, 85.174

■ 61, 13.465, 85.174

■ 100, 13.465,
85.174

■ 51, 13.465, 85.174

■ 81, 13.465, 85.174

■ 41, 13.465, 85.174

■ 91, 13.465, 85.174

■ 31, 13.465, 85.174

■ 21, 13.465, 85.174

■ 11, 13.465, 85.174

■ 1, 13.465, 85.174

■ 0, 13.465, 85.174

■ 61, 13.465, 85.174

■ 61, 13.465, 85.174

■ 59, 19.822, 83.867

■ 63, 7.261, 86.450

57, 26.305, 82.513

65, 1.212, 87.536

55, 32.857, 81.116

67, 4.686, 268.966

54, 39.357, 79.662

69, 10.442,
270.088

52, 45.572, 78.110

71, 16.067,
271.178

50, 51.091, 76.372

49, 55.302, 74.289

73, 21.573,
272.221

48, 57.892, 72.468

75, 26.971,
273.214

77, 32.271,
274.157

79, 31.878,
270.495

Harmonies

Complementary

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



61, 13.465, 85.174



57, 13.264, 271.145

Rectangle

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



61, 13.465, 85.174



61, 13.465, 135.174



61, 13.465, 265.174



61, 13.465, 315.174

Sweetspot

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



61, 13.466, 85.182



81, 5.193, 87.044



56, 15.914, 352.570



43, 3.404, 86.980



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 13.466, 85.182



77, 19.796, 84.602



64, 19.366, 113.050



32, 3.384, 86.793



43, 53.584, 72.777



3, 4.256, 85.076

Inverse Universe

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



57, 13.264, 271.145



70, 19.432, 271.921



53, 20.340, 296.742



31, 3.371, 269.207



25, 58.370, 293.506



1, 4.480, 269.595

Previews

White Background



This preview shows how the CIELCh color 61, 13.465, 85.174 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, 13.465, 85.174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

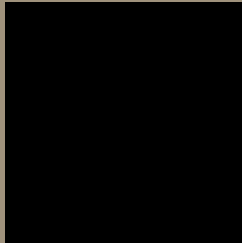
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 13.465, 85.174

Background



This preview shows how black text looks on a background with the CIELCh color 61, 13.465, 85.174.



This preview shows how white text looks on a background with the CIELCh color 61, 13.465, 85.174.

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, 13.465, 85.174

Protanopia

61, 13.289, 94.321

Deuteranopia

61, 14.863, 59.756



Tritanopia
61, 9.941, 341.994

Trichromacy



Original Color
61, 13.465, 85.174

Protanomaly
61, 13.399, 92.597

Deuteranomaly
61, 13.698, 67.071

Tritanomaly
61, 7.186, 24.506

Monochromacy



Original Color
61, 13.465, 85.174

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 4.745, 90.127

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 13.465, 85.174 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(159, 146, 124)` looks like.

```
.text, #text, p{  
    color:rgb(159, 146, 124)  
}
```

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(159, 146, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 146, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 13.465, 85.174 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(159, 146, 124) }
```

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

```
.border{ border-color:rgb(159, 146, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 146, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 146, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 146, 124);  
box-shadow:4px 4px 4px 4px rgb(159, 146,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 13.465, 85.174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 146, 124) }
```

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

```
.background{ background-color: rgb(159,  
146, 124) }
```

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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