

Converting Colors

CIELCh(58, 24.814, 101.366)

Have a look what the booklet for
CIELCh(58, 24.814, 101.366)
contains.

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Color

CIELCh(58, 24.790, 101.222)

Conversions

Conversions Part 1

Format	Color
Hex	938D61
RGB	147, 141, 97
RGB Percent	58%, 55%, 38%
CMY	0.4251, 0.4485, 0.6210
CMYK	0.00, 0.04, 0.34, 0.43
HSL	53°, 21%, 48%
HSV	53°, 34%, 57%
XYZ	23.5723, 25.9610, 14.9898
YIQ	137.7780, 17.7000, -12.4120

Conversions

Conversions Part 2

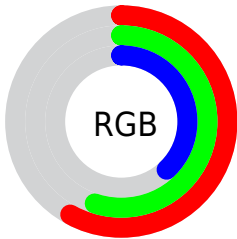
Format	Color
RYB	104, 147, 97
Decimal	9669985
CIELab	58.00, -4.82, 24.32
CIELCh	58, 24.790, 101.222
Yxy	25.9610, 0.3653, 0.4024
Android (android.graphics.Color)	4287860065 (0xFF938D61)
YUV	137.7780, -20.1036, 8.0877
Hunter-Lab	50.9519, -6.5848, 18.2236

Details

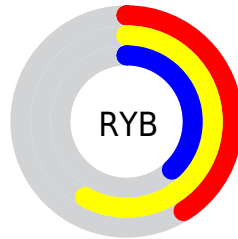
The CIELCh color $58, 24.790, 101.222$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $45, 26.320, 289.371$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 25.053, 101.417$, and $38, 24.645, 101.699$ is the 20% darker color. If you saturate the color by 10%, you get $57, 31.891, 100.149$, and if you desaturate by 10%, it is $59, 17.556, 102.300$.

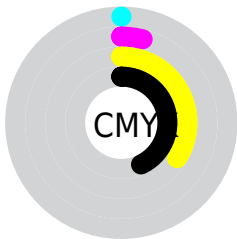
Distribution



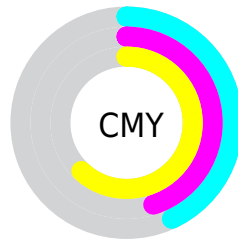
- Red (58%)
- Green (55%)
- Blue (38%)



- Red (41%)
- Yellow (58%)
- Blue (38%)



- Cyan (0%)
- Magenta (4%)
- Yellow (34%)
- Black (43%)



- Cyan (43%)
- Magenta (45%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 24.790, 101.222 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 58, 24.790, 101.222 by changing the saturation by 10% instead.


 58, 24.790,
101.222

 58, 24.790,
101.222


 100, 24.790,
101.222

 48, 24.790,
101.222

 78, 24.790,
101.222

 38, 24.790,
101.222

 88, 24.790,
101.222

 28, 24.790,
101.222

 98, 24.790,
101.222

 18, 24.790,
101.222

 8, 24.790, 101.222

 0, 24.790, 101.222

■ 58, 24.790,
101.222

■ 58, 24.790,
101.222

■ 57, 31.891,
100.149

■ 59, 17.556,
102.300

■ 57, 38.727, 99.084

■ 60, 10.266,
103.360

■ 56, 45.093, 98.043

■ 60, 2.967, 104.378

■ 55, 50.678, 97.042

■ 61, 4.310, 285.441

■ 55, 55.068, 96.088

■ 62, 11.549,
286.403

■ 54, 57.851, 95.175

■ 54, 59.128, 94.650

■ 63, 18.741,
287.336

■ 64, 25.878,
288.229

■ 65, 32.958,
289.079

■ 66, 39.977,
289.885

Harmonies

Complementary

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



58, 24.790, 101.222



45, 26.320, 289.371

Rectangle

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



58, 24.790, 101.222



58, 24.790, 151.222



58, 24.790, 281.222



58, 24.790, 331.222

Sweetspot

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



58, 24.791, 101.226



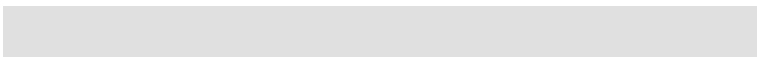
76, 9.048, 103.763



46, 21.761, 12.140



40, 6.224, 103.630



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



58, 24.791, 101.226



73, 36.898, 100.389



58, 28.896, 122.531



31, 4.144, 103.865



51, 56.513, 94.702



2, 3.631, 104.823

Inverse Universe

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



45, 26.320, 289.371



53, 39.893, 290.780



45, 30.718, 306.305



29, 4.210, 285.841



17, 78.330, 304.113



0, 3.632, 284.826

Previews

White Background



This preview shows how the CIELCh color 58, 24.790, 101.222 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 58, 24.790, 101.222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

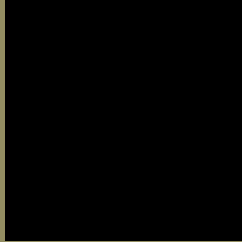
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

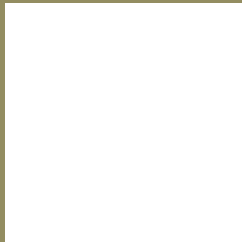
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 24.790, 101.222

Background



This preview shows how black text looks on a background with the CIELCh color 58, 24.790, 101.222.



This preview shows how white text looks on a background with the CIELCh color 58, 24.790, 101.222.

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


58, 24.790, 101.222

Protanopia

58, 24.748, 95.041

Deuteranopia

58, 24.879, 71.883



Tritanopia
58, 9.439, 338.956

Trichromacy



Original Color
58, 24.790, 101.222

Protanomaly
58, 25.001, 98.202

Deuteranomaly
58, 23.845, 82.509

Tritanomaly
58, 7.674, 61.321

Monochromacy



Original Color
58, 24.790, 101.222

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 9.104, 103.938

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 24.790, 101.222 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(147, 141, 97)` looks like.

```
.text, #text, p{  
    color:rgb(147, 141, 97)  
}
```

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(147, 141, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 141, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 24.790, 101.222 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(147, 141, 97) }
```

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

```
.border{ border-color:rgb(147, 141, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 141, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 141, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 141, 97);  
box-shadow:4px 4px 4px 4px rgb(147, 141,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 24.790, 101.222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 141, 97) }
```

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

```
.background{ background-color: rgb(147,  
141, 97) }
```

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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