

Converting Colors

CIELCh(60, 6.187, 26.114)

Have a look what the booklet for
CIELCh(60, 6.187, 26.114) contains.

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Color

CIELCh(60, 6.397, 24.997)

Conversions

Conversions Part 1

Format	Color
Hex	9D8D8C
RGB	157, 141, 140
RGB Percent	62%, 55%, 55%
CMY	0.3842, 0.4469, 0.4509
CMYK	0.00, 0.10, 0.11, 0.38
HSL	4°, 8%, 58%
HSV	4°, 11%, 62%
XYZ	28.1749, 28.1233, 28.7652
YIQ	145.6700, 9.8570, 3.0810

Conversions

Conversions Part 2

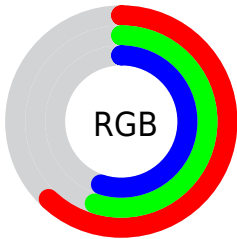
Format	Color
R _Y B	157, 141, 140
Decimal	10325388
CIE Lab	60.00, 5.80, 2.70
CIE LCh	60, 6.397, 24.997
Yxy	28.1233, 0.3312, 0.3306
Android (android.graphics.Color)	4288515468 (0xFF9D8D8C)
YUV	145.6700, -2.7953, 9.9364
Hunter-Lab	53.0314, 2.0297, 4.9620

Details

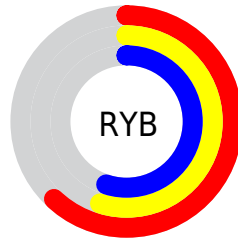
The CIELCh color $60, 6.397, 24.997$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $63, 5.972, 204.346$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 6.447, 29.262$, and $40, 6.537, 25.536$ is the 20% darker color. If you saturate the color by 10%, you get $56, 12.805, 25.631$, and if you desaturate by 10%, it is $64, 0.469, 23.666$.

Distribution



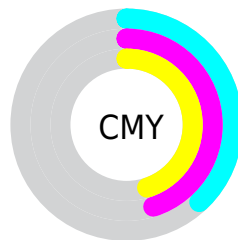
- Red (62%)
- Green (55%)
- Blue (55%)



- Red (62%)
- Yellow (55%)
- Blue (55%)



- Cyan (0%)
- Magenta (10%)
- Yellow (11%)
- Black (38%)



- Cyan (38%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 6.397, 24.997 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 60, 6.397, 24.997 by changing the saturation by 10% instead.

60, 6.397, 24.997

60, 6.397, 24.997

100, 6.397, 24.997

50, 6.397, 24.997

80, 6.397, 24.997

40, 6.397, 24.997

90, 6.397, 24.997

30, 6.397, 24.997

20, 6.397, 24.997

10, 6.397, 24.997

0, 6.397, 24.997

60, 6.397, 24.997

60, 6.397, 24.997

56, 12.805, 25.631

64, 0.469, 23.666

52, 19.714, 26.431

69, 5.010, 204.439

48, 27.111, 27.492

73, 10.085,
204.170

44, 34.939, 28.892

78, 14.799,
203.999

40, 43.078, 30.706

38, 51.325, 32.978

82, 19.195,
203.887

35, 59.343, 35.631

87, 23.312,
203.817

34, 66.473, 38.278

33, 71.611, 40.475

91, 27.185,
203.777

94, 30.148,
197.561

Harmonies

Complementary

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



60, 6.397, 24.997



63, 5.972, 204.346

Rectangle

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



60, 6.397, 24.997



60, 6.397, 74.997



60, 6.397, 204.997



60, 6.397, 254.997

Sweetspot

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



60, 6.396, 25.012



80, 2.127, 24.476



60, 11.244, 326.382



42, 1.614, 24.560



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



60, 6.396, 25.012



75, 9.597, 25.151



62, 6.034, 79.256



31, 3.338, 24.923



29, 66.289, 40.142



1, 4.233, 24.336

Inverse Universe

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



63, 5.972, 204.346



80, 8.818, 204.263



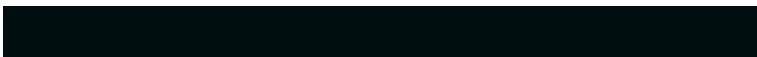
61, 5.932, 262.103



33, 3.149, 204.406



51, 30.176, 206.090



3, 4.170, 205.897

Previews

White Background



This preview shows how the CIELCh color 60, 6.397, 24.997 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 CIE LCh color 60, 6.397, 24.997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

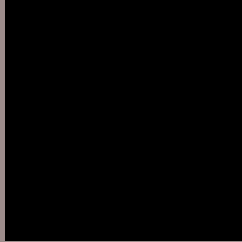
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 6.397, 24.997

Background



This preview shows how black text looks on a background with the CIELCh color 60, 6.397, 24.997.



This preview shows how white text looks on a background with the CIELCh color 60, 6.397, 24.997.

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

60, 6.397, 24.997

Protanopia

60, 1.919, 55.182

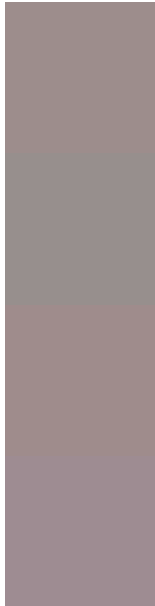
Deuteranopia

60, 7.991, 20.155



Tritanopia
60, 9.675, 340.515

Trichromacy



Original Color
60, 6.397, 24.997

Protanomaly
60, 3.343, 39.218

Deuteranomaly
60, 7.584, 20.111

Tritanomaly
60, 7.849, 354.704

Monochromacy



Original Color
60, 6.397, 24.997

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 2.347, 19.451

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 6.397, 24.997 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(157, 141, 140)` looks like.

```
.text, #text, p{  
    color:rgb(157, 141, 140)  
}
```

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(157, 141, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 141, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 6.397, 24.997 is called "border". The border property can be set on classes, ids or directly on the HTML element.

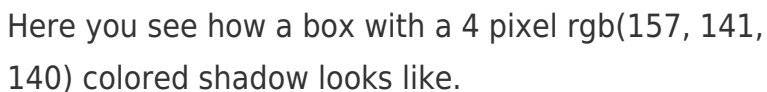
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 141, 140) }
```

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

```
.border{ border-color:rgb(157, 141, 140) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 141, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 141, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 141, 140); box-shadow:4px 4px 4px 4px rgb(157, 141, 140) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 6.397, 24.997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 141, 140) }
```

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

```
.background{ background-color: rgb(157,  
141, 140) }
```

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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