

Converting Colors

CIELCh(63, 40.004, 79.287)

Have a look what the booklet for
CIELCh(63, 40.004, 79.287) contains.

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Color

CIELCh(63, 40.004, 79.287)

Conversions

Conversions Part 1

Format	Color
Hex	BA9252
RGB	186, 146, 82
RGB Percent	73%, 57%, 32%
CMY	0.2708, 0.4276, 0.6786
CMYK	0.00, 0.22, 0.56, 0.27
HSL	37°, 43%, 53%
HSV	37°, 56%, 73%
XYZ	32.0326, 31.5869, 12.3835
YIQ	150.6640, 44.3840, -11.4240

Conversions

Conversions Part 2

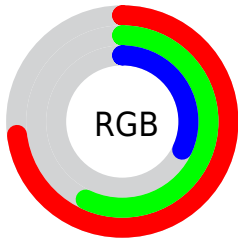
Format	Color
RYB	147, 186, 82
Decimal	12227154
CIELab	63.00, 7.44, 39.31
CIELCh	63, 40.004, 79.287
Yxy	31.5869, 0.4215, 0.4156
Android (android.graphics.Color)	4290417234 (0xFFBA9252)
YUV	150.6640, -33.8514, 30.9897
Hunter-Lab	56.2022, 3.3826, 26.2777

Details

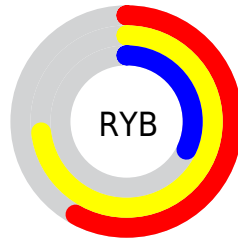
The CIELCh color $63, 40.004, 79.287$ is a dark color, and the websafe version is hex `CC9966`. A complement of this color would be $51, 38.279, 277.746$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 39.944, 79.616$, and $43, 39.926, 79.524$ is the 20% darker color. If you saturate the color by 10%, you get $61, 47.316, 77.780$, and if you desaturate by 10%, it is $65, 32.560, 80.728$.

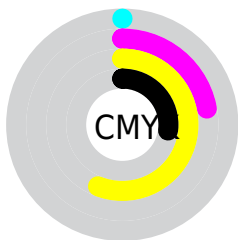
Distribution



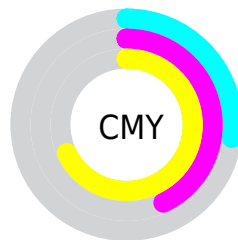
- Red (73%)
- Green (57%)
- Blue (32%)



- Red (58%)
- Yellow (73%)
- Blue (32%)



- Cyan (0%)
- Magenta (22%)
- Yellow (56%)
- Black (27%)



- Cyan (27%)
- Magenta (43%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 40.004, 79.287 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 63, 40.004, 79.287 by changing the saturation by 10% instead.

63, 40.004, 79.287

63, 40.004, 79.287

100, 40.004,
79.287

53, 40.004, 79.287

83, 40.004, 79.287

43, 40.004, 79.287

93, 40.004, 79.287

33, 40.004, 79.287

23, 40.004, 79.287

13, 40.004, 79.287

3, 40.004, 79.287

0, 40.004, 79.287

63, 40.004, 79.287

63, 40.004, 79.287

61, 47.316, 77.780

65, 32.560, 80.728

■ 59, 54.145, 76.131

■ 67, 25.169, 82.117

■ 57, 59.898, 74.213

■ 70, 17.921, 83.466

■ 55, 63.820, 71.819

■ 72, 10.853, 84.773

■ 55, 65.187, 70.811

■ 74, 3.976, 86.007

■ 76, 2.714, 267.403

■ 79, 9.228, 268.520

■ 81, 15.581,
269.643

■ 84, 21.787,
270.722

Harmonies

Complementary

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



63, 40.004, 79.287



51, 38.279, 277.746

Rectangle

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



63, 40.004, 79.287



63, 40.004, 129.287



63, 40.004, 259.287



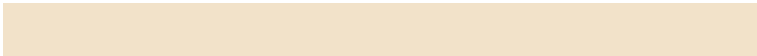
63, 40.004, 309.287

Sweetspot

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



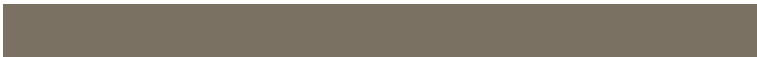
63, 40.004, 79.291



91, 14.393, 84.598



49, 46.389, 356.592



48, 9.733, 84.337



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



63, 40.004, 79.291



77, 59.592, 77.434



73, 53.705, 109.762



38, 3.785, 85.602



46, 57.100, 71.297



6, 9.270, 74.454

Inverse Universe

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



51, 38.279, 277.746



60, 57.269, 281.586



41, 62.696, 300.922



37, 3.763, 268.079



28, 61.211, 292.929



3, 11.327, 275.116

Previews

White Background



This preview shows how the CIELCh color 63, 40.004, 79.287 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 63, 40.004, 79.287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

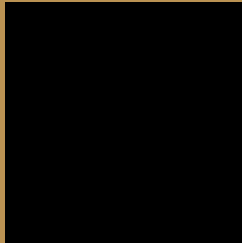
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 40.004, 79.287

Background



This preview shows how black text looks on a background with the CIELCh color 63, 40.004, 79.287.



This preview shows how white text looks on a background with the CIELCh color 63, 40.004, 79.287.

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

63, 40.004, 79.287

Protanopia

63, 38.211, 95.927

Deuteranopia

63, 40.234, 78.726



Tritanopia
63, 22.331, 6.021

Trichromacy



Original Color
63, 40.004, 79.287

Protanomaly
63, 38.481, 89.109

Deuteranomaly
63, 40.234, 78.726

Tritanomaly
63, 22.786, 43.925

Monochromacy



Original Color
63, 40.004, 79.287

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 14.281, 82.944

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 40.004, 79.287 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(186, 146, 82)` looks like.

```
.text, #text, p{  
    color:rgb(186, 146, 82)  
}
```

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(186, 146, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 146, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 40.004, 79.287 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(186, 146, 82) }
```

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

```
.border{ border-color:rgb(186, 146, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 146, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 146, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 146, 82);  
box-shadow:4px 4px 4px 4px rgb(186, 146,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 40.004, 79.287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 146, 82) }
```

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

```
.background{ background-color: rgb(186,  
146, 82) }
```

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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