

Converting Colors

CIELCh(63, 25.785, 96.532)

Have a look what the booklet for
CIELCh(63, 25.785, 96.532) contains.

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Color

CIELCh(63, 25.856, 96.840)

Conversions

Conversions Part 1

Format	Color
Hex	A4996B
RGB	164, 153, 107
RGB Percent	64%, 60%, 42%
CMY	0.3582, 0.4013, 0.5816
CMYK	0.00, 0.07, 0.35, 0.36
HSL	48°, 24%, 53%
HSV	48°, 35%, 64%
XYZ	29.2153, 31.5869, 18.3810
YIQ	151.0450, 21.3220, -11.9740

Conversions

Conversions Part 2

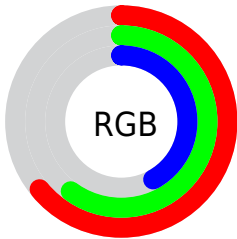
Format	Color
RYB	121, 164, 107
Decimal	10787179
CIELab	63.00, -3.08, 25.67
CIELCh	63, 25.856, 96.840
Yxy	31.5869, 0.3690, 0.3989
Android (android.graphics.Color)	4288977259 (0xFFA4996B)
YUV	151.0450, -21.7142, 11.3615
Hunter-Lab	56.2022, -5.5654, 19.9507

Details

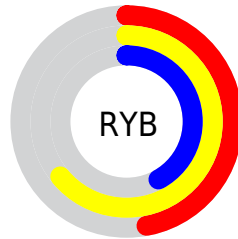
The CIELCh color **63, 25.856, 96.840** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **50, 27.003, 285.813**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 25.687, 96.328**, and **43, 25.703, 96.854** is the 20% darker color. If you saturate the color by 10%, you get **62, 33.216, 95.648**, and if you desaturate by 10%, it is **64, 18.413, 98.022**.

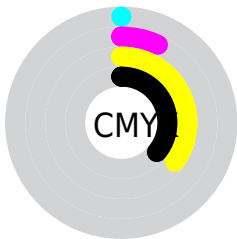
Distribution



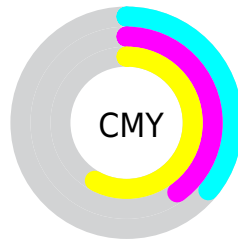
- Red (64%)
- Green (60%)
- Blue (42%)



- Red (47%)
- Yellow (64%)
- Blue (42%)



- Cyan (0%)
- Magenta (7%)
- Yellow (35%)
- Black (36%)



- Cyan (36%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 25.856, 96.840 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, 25.856, 96.840 by changing the saturation by 10% instead.

63, 25.856, 96.840

63, 25.856, 96.840

100, 25.856,
96.840

53, 25.856, 96.840

83, 25.856, 96.840

43, 25.856, 96.840

93, 25.856, 96.840

33, 25.856, 96.840

23, 25.856, 96.840

13, 25.856, 96.840

3, 25.856, 96.840

0, 25.856, 96.840

63, 25.856, 96.840

63, 25.856, 96.840

62, 33.216, 95.648

64, 18.413, 98.022

61, 40.358, 94.439

65, 10.961, 99.171

60, 47.063, 93.221

67, 3.542, 100.267

59, 52.981, 91.987

68, 3.820, 281.424

58, 57.619, 90.716

69, 11.113,
282.444

57, 60.460, 89.358

71, 18.333,
283.437

56, 61.573, 88.644

72, 25.477,
284.386

73, 32.547,
285.289

75, 39.543,
286.145

Harmonies

Complementary

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



63, 25.856, 96.840



50, 27.003, 285.813

Rectangle

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



63, 25.856, 96.840



63, 25.856, 146.840



63, 25.856, 276.840



63, 25.856, 326.840

Sweetspot

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



63, 25.857, 96.844



83, 9.106, 99.689



51, 24.557, 7.229



44, 6.266, 99.540



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



63, 25.857, 96.844



79, 38.409, 95.894



65, 31.851, 119.819



34, 4.167, 99.790



51, 56.492, 88.805



4, 6.163, 97.900

Inverse Universe

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



50, 27.003, 285.813



60, 40.684, 287.370



49, 34.159, 304.188



32, 4.215, 281.927



20, 76.318, 302.174



1, 6.615, 281.884

Previews

White Background



This preview shows how the CIELCh color 63, 25.856, 96.840 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 CIELCh color 63, 25.856, 96.840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

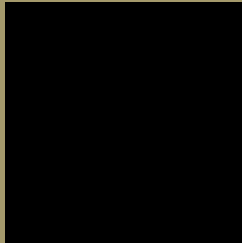
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 25.856, 96.840

Background



This preview shows how black text looks on a background with the CIELCh color 63, 25.856, 96.840.



This preview shows how white text looks on a background with the CIELCh color 63, 25.856, 96.840.

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, 25.856, 96.840

Protanopia

63, 25.534, 94.769

Deuteranopia

63, 26.331, 72.516



Tritanopia
63, 11.144, 343.584

Trichromacy



Original Color
63, 25.856, 96.840

Protanomaly
63, 25.534, 94.769

Deuteranomaly
63, 25.282, 80.150

Tritanomaly
63, 9.178, 52.977

Monochromacy



Original Color
63, 25.856, 96.840

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 9.598, 99.470

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 25.856, 96.840 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(164, 153, 107)` looks like.

```
.text, #text, p{  
    color:rgb(164, 153, 107)  
}
```

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(164, 153, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 153, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 25.856, 96.840 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(164, 153, 107) }
```

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

```
.border{ border-color:rgb(164, 153, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 153, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 153, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 153, 107);  
box-shadow:4px 4px 4px 4px rgb(164, 153,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 25.856, 96.840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 153, 107) }
```

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

```
.background{ background-color: rgb(164,  
153, 107) }
```

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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