

Converting Colors

CIELCh(62, 20.688, 87.278)

Have a look what the booklet for
CIELCh(62, 20.688, 87.278) contains.

CIELCh(62, 20.856, 87.655)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 20.856, 87.655)

Conversions

Conversions Part 1

Format	Color
Hex	A59471
RGB	165, 148, 113
RGB Percent	65%, 58%, 44%
CMY	0.3527, 0.4193, 0.5566
CMYK	0.00, 0.10, 0.32, 0.35
HSL	40°, 22%, 55%
HSV	40°, 32%, 65%
XYZ	29.1173, 30.4025, 19.9762
YIQ	149.0930, 21.3670, -7.2810

Conversions

Conversions Part 2

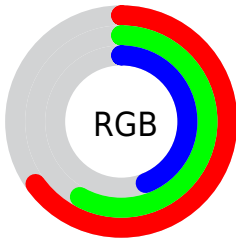
Format	Color
RYB	138, 165, 113
Decimal	10851441
CIELab	62.00, 0.85, 20.84
CIElCh	62, 20.856, 87.655
Yxy	30.4025, 0.3663, 0.3824
Android (android.graphics.Color)	4289041521 (0xFFA59471)
YUV	149.0930, -17.7938, 13.9504
Hunter-Lab	55.1385, -2.2309, 17.1167

Details

The CIELCh color **62, 20.856, 87.655** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **54, 20.769, 276.445**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 20.930, 87.389**, and **42, 20.492, 87.087** is the 20% darker color. If you saturate the color by 10%, you get **60, 27.695, 86.322**, and if you desaturate by 10%, it is **64, 14.103, 88.960**.

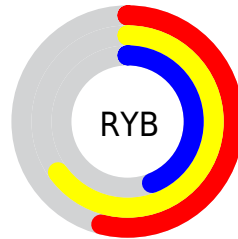
Distribution



Red (65%)

Green (58%)

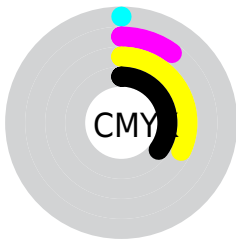
Blue (44%)



Red (54%)

Yellow (65%)

Blue (44%)

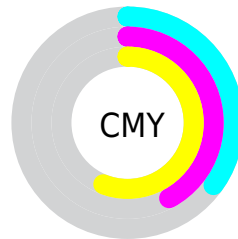


Cyan (0%)

Magenta (10%)

Yellow (32%)

Black (35%)



Cyan (35%)

Magenta (42%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 20.856, 87.655 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 62, 20.856, 87.655 by changing the saturation by 10% instead.

■ 62, 20.856, 87.655

■ 62, 20.856, 87.655

■ 100, 20.856,
87.655

■ 52, 20.856, 87.655

■ 82, 20.856, 87.655

■ 42, 20.856, 87.655

■ 92, 20.856, 87.655

■ 32, 20.856, 87.655

■ 22, 20.856, 87.655

■ 12, 20.856, 87.655

■ 2, 20.856, 87.655

■ 0, 20.856, 87.655

■ 62, 20.856, 87.655

■ 62, 20.856, 87.655

■ 60, 27.695, 86.322

■ 64, 14.103, 88.960

■ 59, 34.546, 84.942

■ 66, 7.466, 90.211

■ 57, 41.269, 83.509

■ 67, 0.959, 91.246

■ 55, 47.607, 81.992

■ 69, 5.416, 272.672

■ 54, 53.126, 80.321

■ 71, 11.667,
273.778

■ 52, 57.208, 78.366

■ 73, 17.799,
274.846

■ 51, 59.644, 76.511

■ 75, 23.822,
275.867

■ 77, 29.744,
276.836

■ 79, 32.243,
275.517

Harmonies

Complementary

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



62, 20.856, 87.655



54, 20.769, 276.445

Rectangle

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



62, 20.856, 87.655



62, 20.856, 137.655



62, 20.856, 267.655



62, 20.856, 317.655

Sweetspot

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



62, 20.857, 87.661



84, 7.202, 90.494



53, 23.188, 357.084



44, 5.003, 90.327



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 20.857, 87.661



77, 31.284, 86.702



66, 28.548, 114.459



34, 3.628, 90.482



45, 54.346, 76.833



4, 5.297, 86.816

Inverse Universe

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



54, 20.769, 276.445



66, 31.159, 277.903



50, 30.662, 299.475



32, 3.630, 272.853



24, 63.715, 296.253



2, 5.802, 273.991

Previews

White Background



This preview shows how the CIELCh color 62, 20.856, 87.655 looks on a white background.

Color Contrast Check

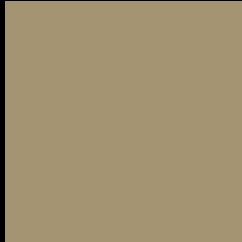
Large Text (above 18pt) WCAG AA × Fail

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 62, 20.856, 87.655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

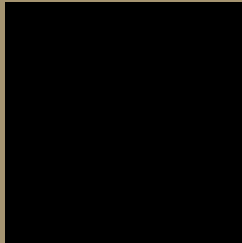
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 20.856, 87.655

Background



This preview shows how black text looks on a background with the CIELCh color 62, 20.856, 87.655.



This preview shows how white text looks on a background with the CIELCh color 62, 20.856, 87.655.

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

62, 20.856, 87.655

Protanopia

62, 20.470, 96.003

Deuteranopia

62, 21.879, 69.414



Tritanopia
62, 12.193, 350.395

Trichromacy



Original Color
62, 20.856, 87.655

Protanomaly
62, 20.275, 92.208

Deuteranomaly
62, 20.970, 74.785

Tritanomaly
62, 9.890, 39.916

Monochromacy



Original Color
62, 20.856, 87.655

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 7.646, 90.999

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 20.856, 87.655 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(165, 148, 113)` looks like.

```
.text, #text, p{  
    color:rgb(165, 148, 113)  
}
```

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(165, 148, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 148, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 20.856, 87.655 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(165, 148, 113) }
```

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

```
.border{ border-color:rgb(165, 148, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 148, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 148, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 148, 113);  
box-shadow:4px 4px 4px 4px rgb(165, 148,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 20.856, 87.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 148, 113) }
```

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

```
.background{ background-color: rgb(165,  
148, 113) }
```

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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