

Converting Colors

CIELCh(62, 44.814, 55.251)

Have a look what the booklet for
CIELCh(62, 44.814, 55.251) contains.

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Color

CIELCh(62, 44.726, 55.008)

Conversions

Conversions Part 1

Format	Color
Hex	D18356
RGB	209, 131, 86
RGB Percent	82%, 51%, 34%
CMY	0.1810, 0.4867, 0.6632
CMYK	0.00, 0.37, 0.59, 0.18
HSL	22°, 57%, 58%
HSV	22°, 59%, 82%
XYZ	36.0275, 30.4025, 12.7480
YIQ	149.1920, 60.9330, 2.5410

Conversions

Conversions Part 2

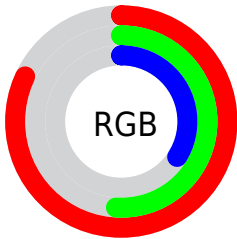
Format	Color
R _Y B	209, 157, 86
Decimal	13730646
CIE Lab	62.00, 25.65, 36.64
CIE LCh	62, 44.726, 55.008
Yxy	30.4025, 0.4550, 0.3840
Android (android.graphics.Color)	4291920726 (0xFFD18356)
YUV	149.1920, -31.1537, 52.4516
Hunter-Lab	55.1385, 20.1396, 24.8891

Details

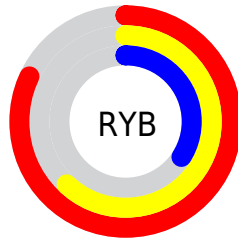
The CIELCh color **62, 44.726, 55.008** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **64, 32.074, 250.254**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 39.596, 60.031**, and **42, 44.803, 54.918** is the 20% darker color. If you saturate the color by 10%, you get **59, 53.873, 54.379**, and if you desaturate by 10%, it is **65, 35.916, 55.671**.

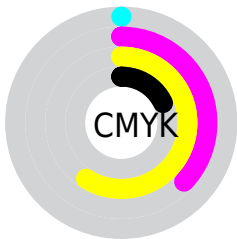
Distribution



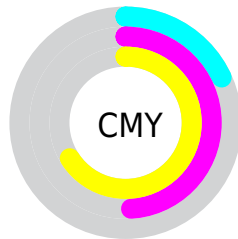
- Red (82%)
- Green (51%)
- Blue (34%)



- Red (82%)
- Yellow (62%)
- Blue (34%)



- Cyan (0%)
- Magenta (37%)
- Yellow (59%)
- Black (18%)



- Cyan (18%)
- Magenta (49%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 44.726, 55.008 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, 44.726, 55.008 by changing the saturation by 10% instead.

62, 44.726, 55.008

62, 44.726, 55.008

100, 44.726,
55.008

52, 44.726, 55.008

82, 44.726, 55.008

42, 44.726, 55.008

92, 44.726, 55.008

32, 44.726, 55.008

22, 44.726, 55.008

12, 44.726, 55.008

2, 44.726, 55.008

0, 44.726, 55.008

62, 44.726, 55.008

62, 44.726, 55.008

59, 53.873, 54.379

65, 35.916, 55.671

56, 63.007, 53.660

69, 27.590, 56.391

53, 71.365, 52.582

73, 19.786, 57.174

51, 77.948, 50.836

76, 12.493, 58.005

50, 78.674, 50.677

80, 5.679, 58.843

84, 0.700, 240.526

88, 6.690, 240.828

92, 12.337,
241.713

96, 13.874,
209.165

Harmonies

Complementary

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



62, 44.726, 55.008



64, 32.074, 250.254

Rectangle

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



62, 44.726, 55.008



62, 44.726, 105.008



62, 44.726, 235.008



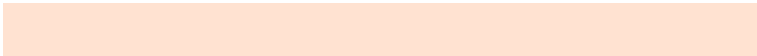
62, 44.726, 285.008

Sweetspot

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



62, 44.725, 55.012



92, 13.973, 58.062



55, 60.324, 341.618



48, 9.809, 57.813



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 44.725, 55.012



70, 65.774, 54.185



77, 54.355, 96.590



42, 3.639, 58.800



41, 66.643, 51.249



7, 16.305, 43.150

Inverse Universe

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



64, 32.074, 250.254



73, 43.516, 254.737



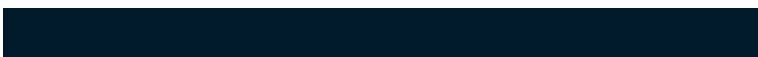
48, 61.382, 293.464



42, 3.489, 240.759



43, 40.148, 266.975



8, 13.541, 255.225

Previews

White Background



This preview shows how the CIELCh color 62, 44.726, 55.008 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, 44.726, 55.008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

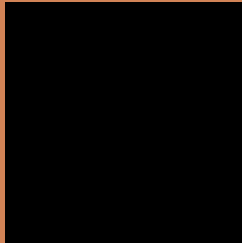
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 44.726, 55.008

Background



This preview shows how black text looks on a background with the CIELCh color 62, 44.726, 55.008.



This preview shows how white text looks on a background with the CIELCh color 62, 44.726, 55.008.

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





Tritanopia
62, 36.079, 15.735

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 44.726, 55.008 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(209, 131, 86)` looks like.

```
.text, #text, p{  
    color:rgb(209, 131, 86)  
}
```

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(209, 131, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 131, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 44.726, 55.008 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(209, 131, 86) }
```

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

```
.border{ border-color:rgb(209, 131, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 131, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 131, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 131, 86);  
box-shadow:4px 4px 4px 4px rgb(209, 131,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 44.726, 55.008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 131, 86) }
```

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

```
.background{ background-color: rgb(209,  
131, 86) }
```

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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