

Converting Colors

CIELCh(70, 44.865, 66.650)

Have a look what the booklet for
CIELCh(70, 44.865, 66.650) contains.

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Color

CIELCh(70, 44.775, 65.960)

Conversions

Conversions Part 1

Format	Color
Hex	DF9D61
RGB	223, 157, 97
RGB Percent	87%, 62%, 38%
CMY	0.1248, 0.3837, 0.6190
CMYK	0.00, 0.30, 0.56, 0.12
HSL	29°, 66%, 63%
HSV	29°, 56%, 88%
XYZ	44.7345, 40.7494, 16.8537
YIQ	169.8940, 58.5960, -4.6680

Conversions

Conversions Part 2

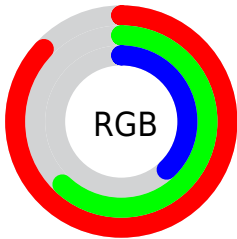
Format	Color
RYB	223, 212, 97
Decimal	14654817
CIELab	70.00, 18.24, 40.89
CIELCh	70, 44.775, 65.960
Yxy	40.7494, 0.4371, 0.3982
Android (android.graphics.Color)	4292844897 (0xFFDF9D61)
YUV	169.8940, -35.9367, 46.5740
Hunter-Lab	63.8353, 13.3775, 29.0310

Details

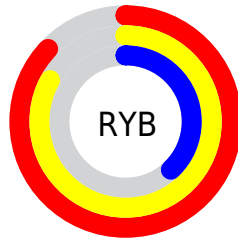
The CIELCh color **70, 44.775, 65.960** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **65, 36.937, 264.173**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 37.430, 79.317**, and **50, 44.713, 66.541** is the 20% darker color. If you saturate the color by 10%, you get **67, 53.746, 64.699**, and if you desaturate by 10%, it is **73, 35.981, 67.184**.

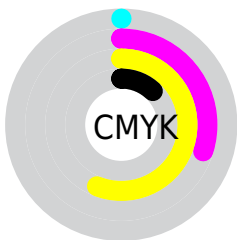
Distribution



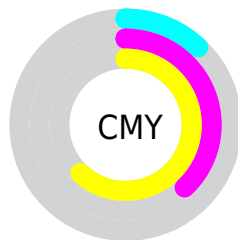
- Red (87%)
- Green (62%)
- Blue (38%)



- Red (87%)
- Yellow (83%)
- Blue (38%)



- Cyan (0%)
- Magenta (30%)
- Yellow (56%)
- Black (12%)



- Cyan (12%)
- Magenta (38%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 44.775, 65.960 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 70, 44.775, 65.960 by changing the saturation by 10% instead.

 70, 44.775, 65.960

 70, 44.775, 65.960

 100, 44.775,
65.960

 60, 44.775, 65.960

 90, 44.775, 65.960

 50, 44.775, 65.960

 40, 44.775, 65.960

 30, 44.775, 65.960

 20, 44.775, 65.960

 10, 44.775, 65.960

 0, 44.775, 65.960

 70, 44.775, 65.960

 70, 44.775, 65.960

 67, 53.746, 64.699

 73, 35.981, 67.184

64, 62.532, 63.294

76, 27.525, 68.393

61, 70.417, 61.541

80, 19.464, 69.600

59, 76.308, 59.084

83, 11.801, 70.796

58, 78.104, 58.169

87, 4.517, 71.938

90, 2.420, 253.385

94, 9.045, 254.412

97, 9.514, 212.362

98, 10.769,
198.787

Harmonies

Complementary

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



70, 44.775, 65.960



65, 36.937, 264.173

Rectangle

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



70, 44.775, 65.960



70, 44.775, 115.960



70, 44.775, 245.960



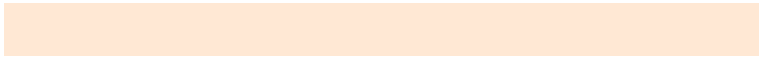
70, 44.775, 295.960

Sweetspot

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



70, 44.774, 65.964



93, 13.596, 70.718



59, 57.490, 347.997



49, 9.142, 70.477



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 44.774, 65.964



75, 61.456, 64.429



86, 60.796, 103.297



45, 4.014, 71.612



46, 65.146, 58.819



11, 19.662, 57.558

Inverse Universe

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



65, 36.937, 264.173



69, 48.824, 268.365



49, 71.088, 297.723



45, 3.912, 254.064



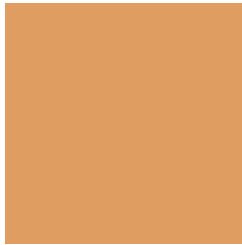
39, 51.932, 281.450



8, 18.224, 271.975

Previews

White Background



This preview shows how the CIELCh color 70, 44.775, 65.960 looks on a white background.

Color Contrast Check

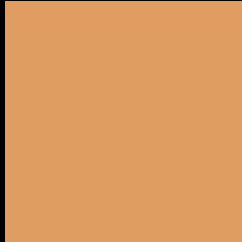
Large Text (above 18pt) WCAG AA × Fail

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 70, 44.775, 65.960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

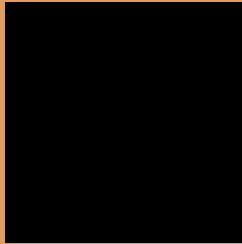
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 44.775, 65.960

Background



This preview shows how black text looks on a background with the CIELCh color 70, 44.775, 65.960.

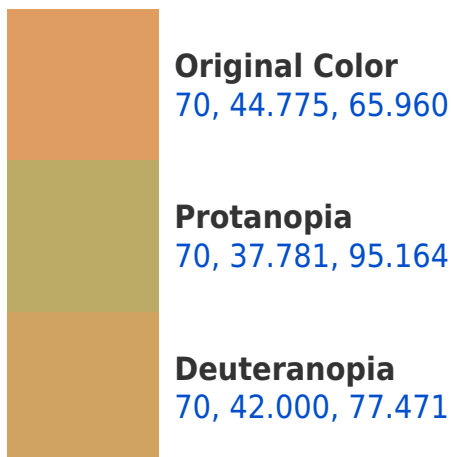


This preview shows how white text looks on a background with the CIELCh color 70, 44.775, 65.960.

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](#).

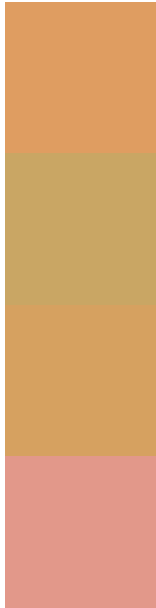
Dichromacy





Tritanopia
70, 31.858, 10.977

Trichromacy



Original Color
70, 44.775, 65.960

Protanomaly
70, 39.039, 83.377

Deuteranomaly
70, 42.943, 73.387

Tritanomaly
70, 32.094, 35.646

Monochromacy



Original Color
70, 44.775, 65.960

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 15.118, 68.919

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 44.775, 65.960 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(223, 157, 97)` looks like.

```
.text, #text, p{  
    color:rgb(223, 157, 97)  
}
```

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(223, 157, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 157, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 44.775, 65.960 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(223, 157, 97) }
```

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

```
.border{ border-color:rgb(223, 157, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 157, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 157, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 157, 97);  
box-shadow:4px 4px 4px 4px rgb(223, 157,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 44.775, 65.960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 157, 97) }
```

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

```
.background{ background-color: rgb(223,  
157, 97) }
```

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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