

Converting Colors

CIELCh(60, 25.516, 43.226)

Have a look what the booklet for
CIELCh(60, 25.516, 43.226) contains.

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Color

CIELCh(60, 25.471, 43.226)

Conversions

Conversions Part 1

Format	Color
Hex	BA8473
RGB	186, 132, 115
RGB Percent	73%, 52%, 45%
CMY	0.2711, 0.4828, 0.5495
CMYK	0.00, 0.29, 0.38, 0.27
HSL	14°, 34%, 59%
HSV	14°, 38%, 73%
XYZ	31.5359, 28.1233, 19.9476
YIQ	146.2080, 37.6410, 6.1610

Conversions

Conversions Part 2

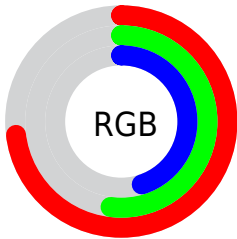
Format	Color
R_{YB}	186, 137, 115
Decimal	12223603
CIE Lab	60.00, 18.56, 17.44
CIE LCh	60, 25.471, 43.226
Yxy	28.1233, 0.3961, 0.3533
Android (android.graphics.Color)	4290413683 (0xFFBA8473)
YUV	146.2080, -15.3855, 34.8976
Hunter-Lab	53.0314, 13.3427, 14.8203

Details

The CIELCh color $60, 25.471, 43.226$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $66, 19.613, 227.068$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 25.679, 42.664$, and $40, 25.484, 42.831$ is the 20% darker color. If you saturate the color by 10%, you get $56, 33.458, 43.320$, and if you desaturate by 10%, it is $64, 18.049, 43.300$.

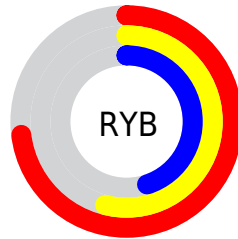
Distribution



Red (73%)

Green (52%)

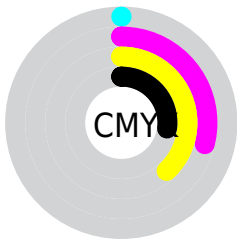
Blue (45%)



Red (73%)

Yellow (54%)

Blue (45%)

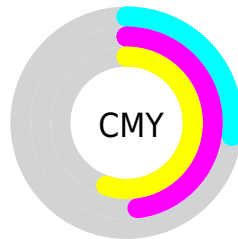


Cyan (0%)

Magenta (29%)

Yellow (38%)

Black (27%)



Cyan (27%)

Magenta (48%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 25.471, 43.226 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 60, 25.471, 43.226 by changing the saturation by 10% instead.

60, 25.471, 43.226

60, 25.471, 43.226

100, 25.471,
43.226

50, 25.471, 43.226

80, 25.471, 43.226

40, 25.471, 43.226

90, 25.471, 43.226

30, 25.471, 43.226

20, 25.471, 43.226

10, 25.471, 43.226

0, 25.471, 43.226

60, 25.471, 43.226

60, 25.471, 43.226

56, 33.458, 43.320

64, 18.049, 43.300

53, 41.982, 43.588

68, 11.183, 43.489

49, 50.926, 44.030

72, 4.839, 43.738

47, 60.008, 44.564

76, 1.031, 224.713

44, 68.585, 44.930

80, 6.474, 224.741

42, 75.626, 44.760

85, 11.539,
225.182

42, 76.884, 44.835

89, 16.272,
225.668

93, 19.564,
213.754

96, 22.310,
198.043

Harmonies

Complementary

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



60, 25.471, 43.226



66, 19.613, 227.068

Rectangle

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



60, 25.471, 43.226



60, 25.471, 93.226



60, 25.471, 223.226



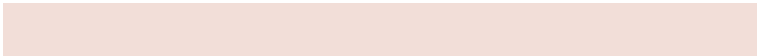
60, 25.471, 273.226

Sweetspot

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



60, 25.470, 43.232



90, 8.154, 43.666



58, 40.032, 334.296



48, 5.553, 43.630



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



60, 25.470, 43.232



73, 39.383, 43.297



69, 29.453, 91.367



37, 3.328, 43.712



35, 67.035, 45.193



4, 9.149, 36.624

Inverse Universe

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



66, 19.613, 227.068



82, 28.252, 228.255



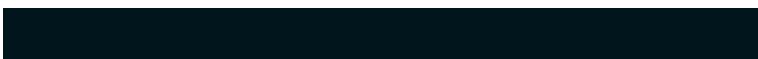
56, 30.132, 282.093



38, 3.150, 224.680



46, 31.185, 243.393



6, 8.519, 235.815

Previews

White Background



This preview shows how the CIELCh color 60, 25.471, 43.226 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 25.471, 43.226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

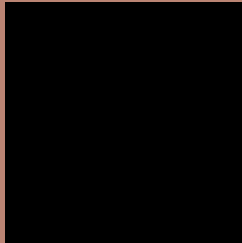
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 25.471, 43.226

Background



This preview shows how black text looks on a background with the CIELCh color 60, 25.471, 43.226.



This preview shows how white text looks on a background with the CIELCh color 60, 25.471, 43.226.

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

60, 25.471, 43.226

Protanopia

60, 13.867, 94.772

Deuteranopia

60, 19.523, 65.710



Tritanopia
60, 24.459, 10.364

Trichromacy



Original Color
60, 25.471, 43.226

Protanomaly
60, 15.947, 67.377

Deuteranomaly
60, 21.455, 55.493

Tritanomaly
60, 23.717, 21.937

Monochromacy



Original Color
60, 25.471, 43.226

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 8.406, 43.613

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 25.471, 43.226 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, 132, 115)` looks like.

```
.text, #text, p{  
    color:rgb(186, 132, 115)  
}
```

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, 132, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 132, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 25.471, 43.226 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, 132, 115) }
```

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

```
.border{ border-color:rgb(186, 132, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 132, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 132, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 132, 115);  
box-shadow:4px 4px 4px 4px rgb(186, 132,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 25.471, 43.226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 132, 115) }
```

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

```
.background{ background-color: rgb(186,  
132, 115) }
```

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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