

Converting Colors

CIELCh(52, 31.930, 9.705)

Have a look what the booklet for
CIELCh(52, 31.930, 9.705) contains.

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Color

CIELCh(52, 32.228, 9.556)

Conversions

Conversions Part 1	
Format	Color
Hex	B16674
RGB	177, 102, 116
RGB Percent	69%, 40%, 45%
CMY	0.3055, 0.5996, 0.5447
CMYK	0.00, 0.42, 0.34, 0.31
HSL	349°, 32%, 55%
HSV	349°, 42%, 69%
XYZ	26.0744, 20.1443, 19.0659
YIQ	126.0210, 40.2060, 20.2540

Conversions

Conversions Part 2

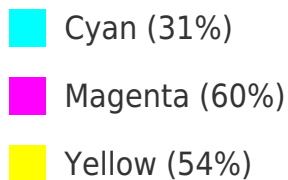
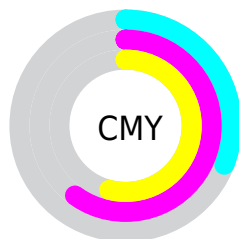
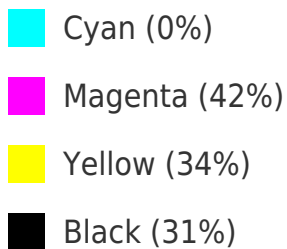
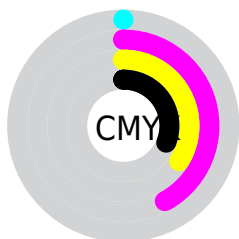
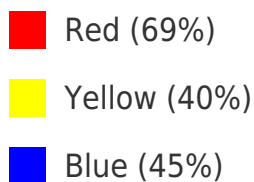
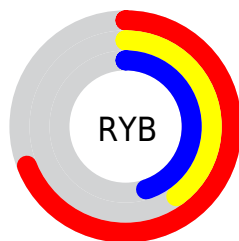
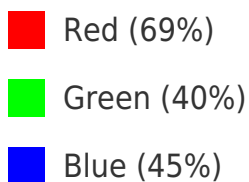
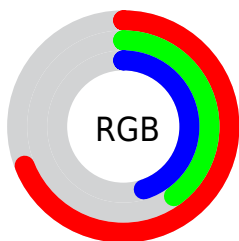
Format	Color
RYB	177, 102, 116
Decimal	11626100
CIELab	52.00, 31.78, 5.35
CIELCh	52, 32.228, 9.556
Yxy	20.1443, 0.3994, 0.3086
Android (android.graphics.Color)	4289816180 (0xFFB16674)
YUV	126.0210, -4.9404, 44.7086
Hunter-Lab	44.8824, 25.1551, 6.2315

Details

The CIELCh color **52, 32.228, 9.556** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **67, 26.724, 180.307**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 32.537, 9.363**, and **32, 32.128, 9.836** is the 20% darker color. If you saturate the color by 10%, you get **48, 40.286, 11.626**, and if you desaturate by 10%, it is **56, 24.175, 7.897**.

Distribution



Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 32.228, 9.556 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 52, 32.228, 9.556 by changing the saturation by 10% instead.

 52, 32.228, 9.556  52, 32.228, 9.556

 100, 32.228, 9.556  42, 32.228, 9.556

 72, 32.228, 9.556  32, 32.228, 9.556

 82, 32.228, 9.556  22, 32.228, 9.556

 92, 32.228, 9.556  12, 32.228, 9.556

 2, 32.228, 9.556

 0, 32.228, 9.556

 52, 32.228, 9.556  52, 32.228, 9.556

 48, 40.286, 11.626  56, 24.175, 7.897

 44, 48.090, 14.231  61, 16.326, 6.534

 41, 55.335, 17.520

 66, 8.793, 5.384


 39, 61.771, 21.605

 71, 1.631, 4.198


 38, 67.313, 26.455


 76, 5.145, 183.758

 37, 71.206, 30.263

 81, 11.543,
182.993

 86, 17.587,
182.348

 92, 23.307,
181.779

 95, 25.834,
187.129

Harmonies

Complementary

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



52, 32.228, 9.556



67, 26.724, 180.307

Rectangle

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



52, 32.228, 9.556



52, 32.228, 59.556



52, 32.228, 189.556



52, 32.228, 239.556

Sweetspot

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



52, 32.226, 9.559



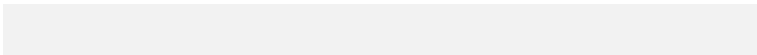
83, 11.452, 5.479



52, 47.747, 320.630



43, 8.051, 5.716



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



52, 32.226, 9.559



62, 48.434, 11.515



57, 26.925, 49.295



35, 4.025, 5.062



31, 63.538, 29.578



2, 9.380, 7.602

Inverse Universe

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



52, 32.226, 9.559



62, 48.434, 11.515



61, 20.634, 236.414



35, 4.025, 5.062



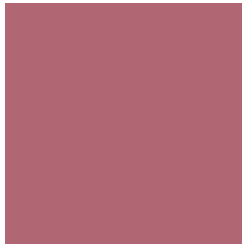
31, 63.538, 29.578



2, 9.380, 7.602

Previews

White Background



This preview shows how the CIELCh color 52, 32.228, 9.556 looks on a white background.

Color Contrast Check

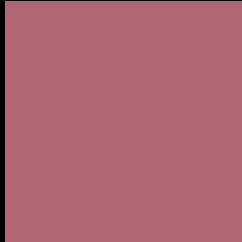
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 32.228, 9.556 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 52, 32.228, 9.556

Background



This preview shows how black text looks on a background with the CIELCh color 52, 32.228, 9.556.



This preview shows how white text looks on a background with the CIELCh color 52, 32.228, 9.556.

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

52, 32.228, 9.556

Protanopia

52, 2.466, 309.164

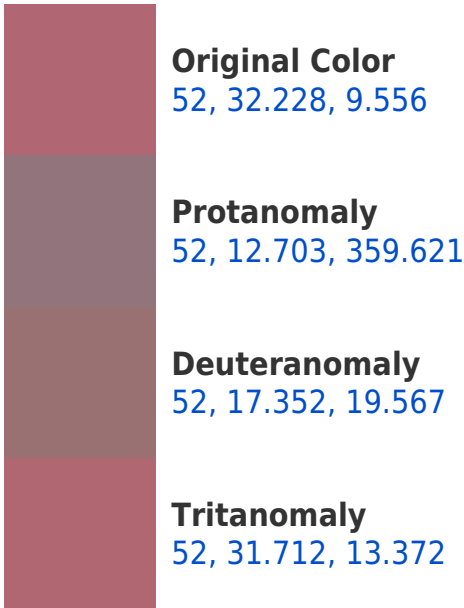
Deuteranopia

52, 9.749, 44.630

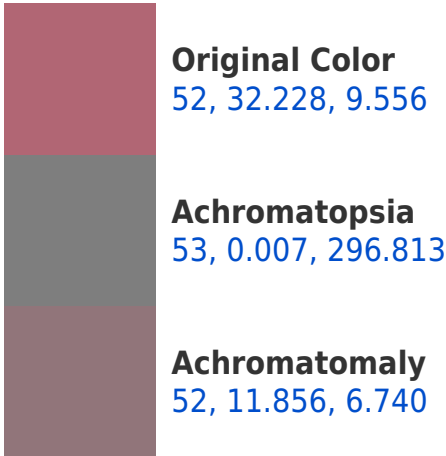


Tritanopia
52, 31.747, 15.429

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 32.228, 9.556 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(177, 102, 116)` looks like.

```
.text, #text, p{  
    color:rgb(177, 102, 116)  
}
```

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(177, 102, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 102, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 32.228, 9.556 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(177, 102, 116) }
```

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

```
.border{ border-color:rgb(177, 102, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 102, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 102, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 102, 116);  
box-shadow:4px 4px 4px 4px rgb(177, 102,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 32.228, 9.556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 102, 116) }
```

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

```
.background{ background-color: rgb(177,  
102, 116) }
```

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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