

Converting Colors

CIELCh(55, 46.721, 332.410)

Have a look what the booklet for
CIELCh(55, 46.721, 332.410)
contains.

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Color

CIELCh(55, 46.735, 332.414)

Conversions

Conversions Part 1

Format	Color
Hex	B868AA
RGB	184, 104, 170
RGB Percent	72%, 41%, 67%
CMY	0.2791, 0.5928, 0.3340
CMYK	0.00, 0.44, 0.08, 0.28
HSL	310°, 36%, 56%
HSV	310°, 44%, 72%
XYZ	31.8955, 22.9298, 40.6876
YIQ	135.4440, 26.4940, 37.4860

Conversions

Conversions Part 2

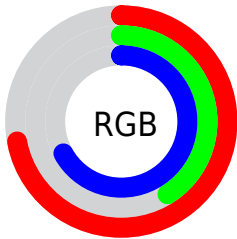
Format	Color
RYB	184, 104, 170
Decimal	12085418
CIELab	55.00, 41.42, -21.64
CIELCh	55, 46.735, 332.414
Yxy	22.9298, 0.3339, 0.2401
Android (android.graphics.Color)	4290275498 (0xFFB868AA)
YUV	135.4440, 17.0361, 42.5836
Hunter-Lab	47.8851, 35.0971, -16.8587

Details

The CIELCh color $55, 46.735, 332.414$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $68, 46.723, 146.066$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 46.565, 332.450$, and $35, 46.895, 332.169$ is the 20% darker color. If you saturate the color by 10%, you get $51, 56.327, 333.088$, and if you desaturate by 10%, it is $59, 36.358, 331.754$.

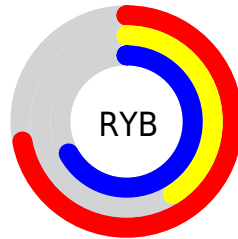
Distribution



Red (72%)

Green (41%)

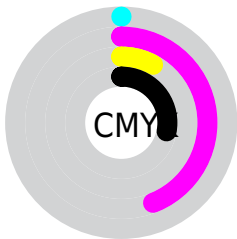
Blue (67%)



Red (72%)

Yellow (41%)

Blue (67%)

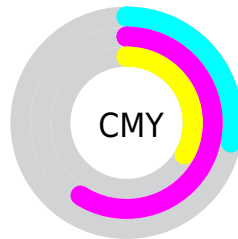


Cyan (0%)

Magenta (44%)

Yellow (8%)

Black (28%)



Cyan (28%)


Magenta (59%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 46.735, 332.414 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 55, 46.735, 332.414 by changing the saturation by 10% instead.

 55, 46.735,
332.414


 55, 46.735,
332.414


 100, 46.735,
332.414


 45, 46.735,
332.414


 75, 46.735,
332.414

 35, 46.735,
332.414

 85, 46.735,
332.414

 25, 46.735,
332.414

 95, 46.735,
332.414

 15, 46.735,
332.414

 5, 46.735, 332.414

 0, 46.735, 332.414

55, 46.735,
332.414

55, 46.735,
332.414

51, 56.327,
333.088

59, 36.358,
331.754

48, 64.692,
333.777

64, 25.571,
331.105

45, 71.354,
334.493

68, 14.650,
330.469

44, 75.918,
335.254

73, 3.785, 329.804

78, 6.900, 149.334

42, 78.211,
336.088

83, 17.331,
148.748

42, 78.863,
336.666

88, 27.470,
148.207

93, 37.302,
147.697

■ 94, 38.456,
148.756

Harmonies

Complementary

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



55, 46.735, 332.414



68, 46.723, 146.066

Rectangle

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



55, 46.735, 332.414



55, 46.735, 22.414



55, 46.735, 152.414



55, 46.735, 202.414

Sweetspot

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



55, 46.733, 332.414



87, 17.485, 330.450



48, 47.312, 300.918



45, 12.241, 330.589



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



55, 46.733, 332.414



66, 68.022, 333.044



54, 35.246, 358.966



36, 6.122, 330.203



35, 69.829, 336.538



3, 15.763, 332.617

Inverse Universe

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



55, 46.733, 332.414



66, 68.022, 333.044



69, 31.479, 169.151



36, 6.122, 330.203



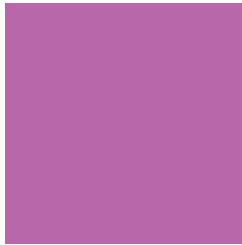
35, 69.829, 336.538



3, 15.763, 332.617

Previews

White Background



This preview shows how the CIELCh color 55, 46.735, 332.414 looks on a white background.

Color Contrast Check

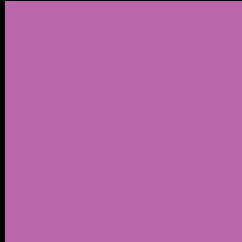
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 46.735, 332.414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

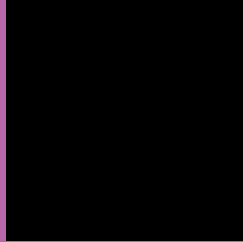
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 46.735, 332.414

Background



This preview shows how black text looks on a background with the CIELCh color 55, 46.735, 332.414.

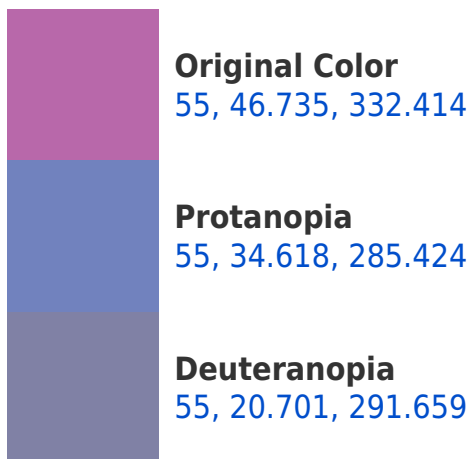


This preview shows how white text looks on a background with the CIELCh color 55, 46.735, 332.414.

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
55, 27.044, 13.151

Trichromacy



Original Color
55, 46.735, 332.414



Protanomaly
54, 36.999, 304.232



Deuteranomaly
55, 28.995, 313.561



Tritanomaly
55, 31.995, 352.736

Monochromacy



Original Color
55, 46.735, 332.414



Achromatopsia
56, 0.007, 296.813



Achromatomaly
55, 17.765, 330.709

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 46.735, 332.414 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(184, 104, 170)` looks like.

```
.text, #text, p{  
    color:rgb(184, 104, 170)  
}
```

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(184, 104, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 104, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 46.735, 332.414 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(184, 104, 170) }
```

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

```
.border{ border-color:rgb(184, 104, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 104, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 104, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 104, 170);  
box-shadow:4px 4px 4px 4px rgb(184, 104,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 46.735, 332.414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 104, 170) }
```

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

```
.background{ background-color: rgb(184,  
104, 170) }
```

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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