

Converting Colors

CIELCh(44, 55.128, 2.692)

Have a look what the booklet for
CIELCh(44, 55.128, 2.692) contains.

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Color

CIELCh(44, 55.128, 2.692)

Conversions

Conversions Part 1

Format	Color
Hex	B83766
RGB	184, 55, 102
RGB Percent	72%, 22%, 40%
CMY	0.2792, 0.7850, 0.6006
CMYK	0.00, 0.70, 0.45, 0.28
HSL	338°, 54%, 47%
HSV	338°, 70%, 72%
XYZ	23.4705, 13.8382, 13.9642
YIQ	98.9290, 61.7970, 41.9650

Conversions

Conversions Part 2

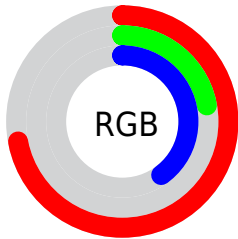
Format	Color
R_{YB}	184, 55, 102
Decimal	12072806
CIE _{Lab}	44.00, 55.07, 2.59
CIE _{LCh}	44, 55.128, 2.692
Yxy	13.8382, 0.4578, 0.2699
Android (android.graphics.Color)	4290262886 (0xFFB83766)
YUV	98.9290, 1.5140, 74.6073
Hunter-Lab	37.1997, 47.5216, 3.7833

Details

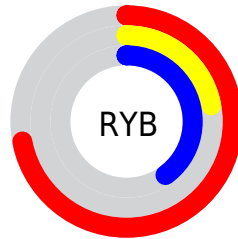
The CIELCh color **44, 55.128, 2.692** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **67, 48.079, 163.117**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 55.093, 2.594**, and **26, 50.080, 5.633** is the 20% darker color. If you saturate the color by 10%, you get **42, 60.383, 6.027**, and if you desaturate by 10%, it is **47, 48.547, 0.061**.

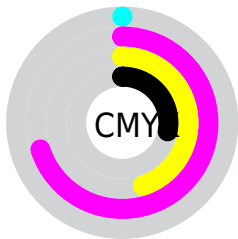
Distribution



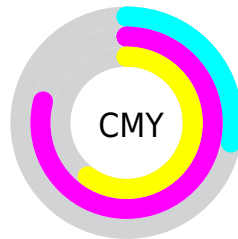
- Red (72%)
- Green (22%)
- Blue (40%)



- Red (72%)
- Yellow (22%)
- Blue (40%)



- Cyan (0%)
- Magenta (70%)
- Yellow (45%)
- Black (28%)



- Cyan (28%)
- Magenta (79%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 55.128, 2.692 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 44, 55.128, 2.692 by changing the saturation by 10% instead.

 44, 55.128, 2.692  44, 55.128, 2.692

 100, 55.128, 2.692  34, 55.128, 2.692

 64, 55.128, 2.692  24, 55.128, 2.692

 74, 55.128, 2.692  14, 55.128, 2.692

 84, 55.128, 2.692  4, 55.128, 2.692

 94, 55.128, 2.692  0, 55.128, 2.692

 44, 55.128, 2.692  44, 55.128, 2.692

 42, 60.383, 6.027  47, 48.547, 0.061

 40, 64.158, 10.225  51, 41.007,
357.960

 39, 66.870, 15.066

■ 55, 32.898,
356.249

■ 60, 24.555,
354.823

■ 65, 16.221,
353.606

■ 70, 8.053, 352.532

■ 75, 0.142, 348.651

■ 80, 7.469, 170.898

■ 85, 14.767,
170.129

Harmonies

Complementary

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



44, 55.128, 2.692



67, 48.079, 163.117

Rectangle

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



44, 55.128, 2.692



44, 55.128, 52.692



44, 55.128, 182.692



44, 55.128, 232.692

Sweetspot

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



44, 55.125, 2.694



82, 20.983, 353.740



40, 77.190, 316.242



42, 14.245, 354.061



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



44, 55.125, 2.694



53, 76.315, 8.109



46, 55.411, 37.076



36, 4.473, 352.445



33, 58.979, 14.292



2, 11.461, 358.318

Inverse Universe

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



44, 55.125, 2.694



53, 76.315, 8.109



63, 31.056, 215.344



36, 4.473, 352.445



33, 58.979, 14.292



2, 11.461, 358.318

Previews

White Background



This preview shows how the CIELCh color 44, 55.128, 2.692 looks on a white 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

Black Background



This preview shows how the CIE LCh color 44, 55.128, 2.692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

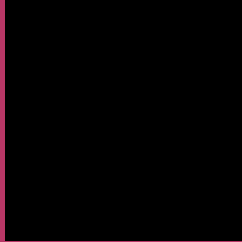
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 55.128, 2.692

Background



This preview shows how black text looks on a background with the CIELCh color 44, 55.128, 2.692.



This preview shows how white text looks on a background with the CIELCh color 44, 55.128, 2.692.

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

44, 55.128, 2.692

Protanopia

44, 16.245, 284.703

Deuteranopia

44, 7.942, 42.138



Tritanopia
44, 54.034, 26.545

Trichromacy



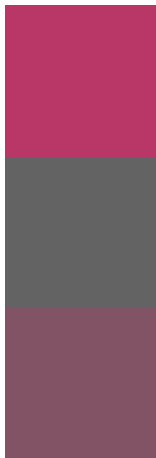
Original Color
44, 55.128, 2.692

Protanomaly
42, 26.465, 332.944

Deuteranomaly
43, 26.079, 5.041

Tritanomaly
44, 53.367, 17.646

Monochromacy



Original Color
44, 55.128, 2.692

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 22.231, 355.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 55.128, 2.692 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, 55, 102)` looks like.

```
.text, #text, p{  
    color:rgb(184, 55, 102)  
}
```

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, 55, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 55, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 55.128, 2.692 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, 55, 102) }
```

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

```
.border{ border-color:rgb(184, 55, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 55, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 55, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 55, 102);  
box-shadow:4px 4px 4px 4px rgb(184, 55,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 55.128, 2.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 55, 102) }
```

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

```
.background{ background-color: rgb(184, 55,  
102) }
```

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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