

Converting Colors

CIELCh(45, 55.074, 29.023)

Have a look what the booklet for
CIELCh(45, 55.074, 29.023) contains.

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Color

CIELCh(45, 54.864, 29.109)

Conversions

Conversions Part 1

Format	Color
Hex	B94241
RGB	185, 66, 65
RGB Percent	73%, 26%, 25%
CMY	0.2753, 0.7419, 0.7457
CMYK	0.00, 0.64, 0.65, 0.28
HSL	0°, 48%, 49%
HSV	0°, 65%, 72%
XYZ	22.8426, 14.5417, 6.5795
YIQ	101.4670, 71.2450, 24.9170

Conversions

Conversions Part 2

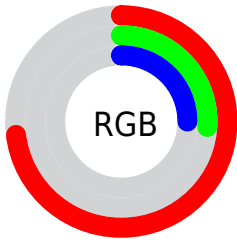
Format	Color
RYB	185, 66, 65
Decimal	12141121
CIELab	45.00, 47.93, 26.69
CIElCh	45, 54.864, 29.109
Yxy	14.5417, 0.5196, 0.3308
Android (android.graphics.Color)	4290331201 (0xFFB94241)
YUV	101.4670, -17.9782, 73.2584
Hunter-Lab	38.1336, 40.1905, 16.4638

Details

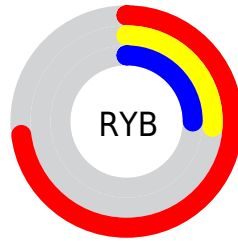
The CIELCh color **45, 54.864, 29.109** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **69, 33.611, 197.732**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 54.624, 29.315**, and **25, 54.700, 29.235** is the 20% darker color. If you saturate the color by 10%, you get **42, 64.077, 32.211**, and if you desaturate by 10%, it is **49, 45.425, 26.581**.

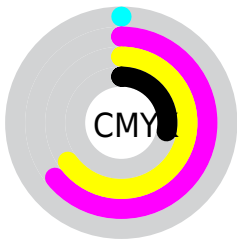
Distribution



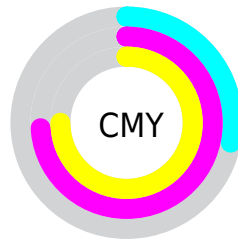
- Red (73%)
- Green (26%)
- Blue (25%)



- Red (73%)
- Yellow (26%)
- Blue (25%)



- Cyan (0%)
- Magenta (64%)
- Yellow (65%)
- Black (28%)



- Cyan (28%)
- Magenta (74%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 54.864, 29.109 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 45, 54.864, 29.109 by changing the saturation by 10% instead.

 45, 54.864, 29.109

 45, 54.864, 29.109

 100, 54.864,
29.109

 35, 54.864, 29.109

 65, 54.864, 29.109

 25, 54.864, 29.109

 75, 54.864, 29.109

 15, 54.864, 29.109

 85, 54.864, 29.109

 5, 54.864, 29.109

 95, 54.864, 29.109

 0, 54.864, 29.109

 45, 54.864, 29.109

 45, 54.864, 29.109

 42, 64.077, 32.211

 49, 45.425, 26.581

 40, 72.544, 35.649

 53, 36.103, 24.602

39, 79.141, 38.655

57, 27.130, 23.081

38, 81.984, 40.084

62, 18.653, 21.914

67, 10.740, 21.008

72, 3.401, 20.220

78, 3.387, 199.996

83, 9.669, 199.480

88, 15.495,
199.131

Harmonies

Complementary

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



45, 54.864, 29.109



69, 33.611, 197.732

Rectangle

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



45, 54.864, 29.109



45, 54.864, 79.109



45, 54.864, 209.109



45, 54.864, 259.109

Sweetspot

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



45, 54.862, 29.112



82, 17.200, 21.381



49, 74.235, 327.596



42, 11.962, 21.642



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



45, 54.862, 29.112



53, 82.547, 33.700



57, 44.923, 67.265



36, 3.971, 20.574



32, 71.758, 39.717



2, 10.574, 19.904

Inverse Universe

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



69, 33.611, 197.732



86, 44.855, 197.594



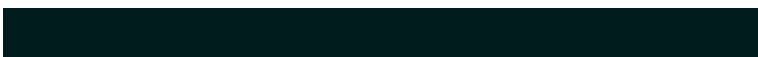
51, 37.334, 269.468



38, 3.746, 199.695



58, 34.247, 197.636



8, 10.381, 198.815

Previews

White Background



This preview shows how the CIELCh color 45, 54.864, 29.109 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 CIELCh color 45, 54.864, 29.109 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 45, 54.864, 29.109

Background



This preview shows how black text looks on a background with the CIELCh color 45, 54.864, 29.109.



This preview shows how white text looks on a background with the CIELCh color 45, 54.864, 29.109.

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

45, 54.864, 29.109

Protanopia

45, 15.791, 94.824

Deuteranopia

45, 29.198, 78.021



Tritanopia
45, 54.299, 26.430

Trichromacy



Original Color
45, 54.864, 29.109

Protanomaly
44, 25.033, 45.394

Deuteranomaly
44, 35.235, 49.918

Tritanomaly
45, 54.712, 27.579

Monochromacy



Original Color
45, 54.864, 29.109

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 19.196, 22.110

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 54.864, 29.109 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(185, 66, 65)` looks like.

```
.text, #text, p{  
    color:rgb(185, 66, 65)  
}
```

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(185, 66, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 66, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 54.864, 29.109 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(185, 66, 65) }
```

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

```
.border{ border-color:rgb(185, 66, 65) }
```

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

Here you see how a box with a 4 pixel rgb(185, 66, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 66, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 66, 65);  
box-shadow:4px 4px 4px 4px rgb(185, 66,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 54.864, 29.109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 66, 65) }
```

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

```
.background{ background-color: rgb(185, 66,  
65) }
```

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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