

Converting Colors

CIELCh(45, 64.174, 25.974)

Have a look what the booklet for
CIELCh(45, 64.174, 25.974) contains.

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Color

CIELCh(45, 64.167, 26.244)

Conversions

Conversions Part 1

Format	Color
Hex	C5333F
RGB	197, 51, 63
RGB Percent	77%, 20%, 25%
CMY	0.2284, 0.8009, 0.7536
CMYK	0.00, 0.74, 0.68, 0.23
HSL	355°, 59%, 49%
HSV	355°, 74%, 77%
XYZ	25.0291, 14.5417, 6.1648
YIQ	96.0220, 83.1640, 34.6840

Conversions

Conversions Part 2

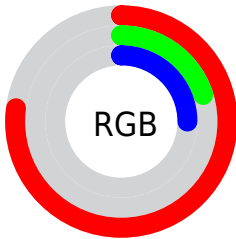
Format	Color
R_{YB}	197, 51, 63
Decimal	12923711
CIE _{Lab}	45.00, 57.55, 28.37
CIE _{LCh}	45, 64.167, 26.244
Yxy	14.5417, 0.5473, 0.3180
Android (android.graphics.Color)	4291113791 (0xFFC5333F)
YUV	96.0220, -16.2798, 88.5577
Hunter-Lab	38.1336, 50.4254, 17.1084

Details

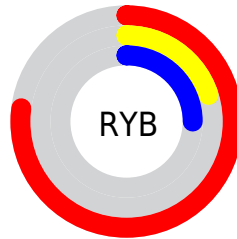
The CIELCh color **45, 64.167, 26.244** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **72, 40.223, 186.921**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 62.046, 25.998**, and **28, 59.205, 31.248** is the 20% darker color. If you saturate the color by 10%, you get **43, 72.242, 30.350**, and if you desaturate by 10%, it is **48, 55.375, 22.794**.

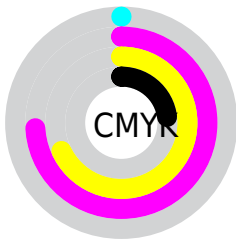
Distribution



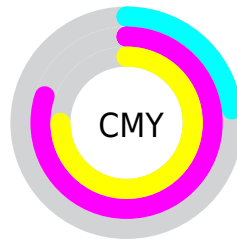
- Red (77%)
- Green (20%)
- Blue (25%)



- Red (77%)
- Yellow (20%)
- Blue (25%)



- Cyan (0%)
- Magenta (74%)
- Yellow (68%)
- Black (23%)



- Cyan (23%)
- Magenta (80%)
- Yellow (75%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 64.167, 26.244 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, 64.167, 26.244 by changing the saturation by 10% instead.

 45, 64.167, 26.244

 45, 64.167, 26.244

 100, 64.167,
26.244

 35, 64.167, 26.244

 65, 64.167, 26.244

 25, 64.167, 26.244

 75, 64.167, 26.244

 15, 64.167, 26.244

 85, 64.167, 26.244

 5, 64.167, 26.244

 95, 64.167, 26.244

 0, 64.167, 26.244

 45, 64.167, 26.244

 45, 64.167, 26.244

 43, 72.242, 30.350

 48, 55.375, 22.794

 41, 79.206, 34.721

 52, 46.186, 20.032

41, 82.592, 36.871

56, 36.910, 17.864

61, 27.816, 16.163

66, 19.090, 14.814

72, 10.838, 13.718

77, 3.098, 12.721

83, 4.133, 192.299

88, 10.883,
191.612

Harmonies

Complementary

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



45, 64.167, 26.244



72, 40.223, 186.921

Rectangle

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



45, 64.167, 26.244



45, 64.167, 76.244



45, 64.167, 206.244



45, 64.167, 256.244

Sweetspot

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



45, 64.164, 26.246



85, 21.296, 14.594



48, 84.952, 325.133



43, 14.436, 14.923



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



45, 64.164, 26.246



54, 93.249, 33.066



56, 55.158, 58.393



39, 4.297, 13.250



34, 71.391, 36.290



3, 15.945, 15.129

Inverse Universe

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



45, 64.164, 26.246



54, 93.249, 33.066



54, 39.172, 262.872



39, 4.297, 13.250



34, 71.391, 36.290



3, 15.945, 15.129

Previews

White Background



This preview shows how the CIELCh color 45, 64.167, 26.244 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, 64.167, 26.244 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, 64.167, 26.244

Background



This preview shows how black text looks on a background with the CIELCh color 45, 64.167, 26.244.



This preview shows how white text looks on a background with the CIELCh color 45, 64.167, 26.244.

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, 64.167, 26.244

Protanopia

45, 13.965, 95.342

Deuteranopia

45, 31.478, 78.725



Tritanopia
45, 65.628, 30.634

Trichromacy



Original Color
45, 64.167, 26.244

Protanomaly
43, 27.662, 36.316

Deuteranomaly
44, 39.523, 45.021

Tritanomaly
45, 64.890, 29.268

Monochromacy



Original Color
45, 64.167, 26.244

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 23.854, 17.406

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 64.167, 26.244 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(197, 51, 63)` looks like.

```
.text, #text, p{  
    color:rgb(197, 51, 63)  
}
```

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(197, 51, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 51, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 64.167, 26.244 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(197, 51, 63) }
```

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

```
.border{ border-color:rgb(197, 51, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 51, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 51, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 51, 63);  
box-shadow:4px 4px 4px 4px rgb(197, 51,  
63) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 64.167, 26.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 51, 63) }
```

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

```
.background{ background-color: rgb(197, 51,  
63) }
```

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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