

Converting Colors

CIELCh(41, 44.845, 53.630)

Have a look what the booklet for
CIELCh(41, 44.845, 53.630) contains.

CIELCh(41, 45.264, 53.349)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(41, 45.264, 53.349)

Conversions

Conversions Part 1

Format	Color
Hex	954D25
RGB	149, 77, 37
RGB Percent	58%, 30%, 15%
CMY	0.4151, 0.6975, 0.8544
CMYK	0.00, 0.48, 0.75, 0.42
HSL	21°, 60%, 37%
HSV	21°, 75%, 58%
XYZ	15.4216, 11.8645, 3.2376
YIQ	93.9680, 55.7520, 2.8240

Conversions

Conversions Part 2

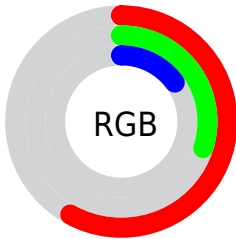
Format	Color
R _Y B	149, 99, 37
Decimal	9784613
CIE Lab	41.00, 27.02, 36.31
CIE LCh	41, 45.264, 53.349
Yxy	11.8645, 0.5052, 0.3887
Android (android.graphics.Color)	4287974693 (0xFF954D25)
YUV	93.9680, -28.0852, 48.2631
Hunter-Lab	34.4449, 19.6389, 18.5385

Details

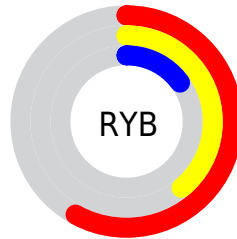
The CIELCh color **41, 45.264, 53.349** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **44, 29.300, 253.961**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 45.452, 53.167**, and **21, 41.419, 48.542** is the 20% darker color. If you saturate the color by 10%, you get **39, 52.109, 52.624**, and if you desaturate by 10%, it is **43, 38.220, 53.918**.

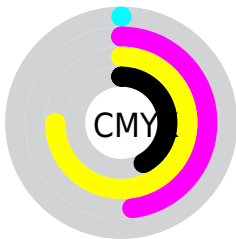
Distribution



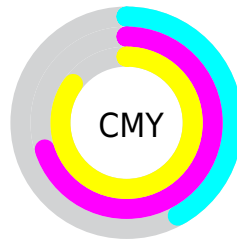
- Red (58%)
- Green (30%)
- Blue (15%)



- Red (58%)
- Yellow (39%)
- Blue (15%)



- Cyan (0%)
- Magenta (48%)
- Yellow (75%)
- Black (42%)



- Cyan (42%)
- Magenta (70%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 45.264, 53.349 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 41, 45.264, 53.349 by changing the saturation by 10% instead.

■ 41, 45.264, 53.349

■ 41, 45.264, 53.349

■ 100, 45.264,
53.349

■ 31, 45.264, 53.349

■ 61, 45.264, 53.349

■ 21, 45.264, 53.349

■ 71, 45.264, 53.349

■ 11, 45.264, 53.349

■ 81, 45.264, 53.349

■ 1, 45.264, 53.349

■ 91, 45.264, 53.349

■ 0, 45.264, 53.349

■ 41, 45.264, 53.349

■ 41, 45.264, 53.349

■ 39, 52.109, 52.624

■ 43, 38.220, 53.918

■ 37, 58.084, 51.432

■ 46, 31.346, 54.481

36, 61.066, 51.100

49, 24.800, 55.100

51, 18.641, 55.787

54, 12.876, 56.534

57, 7.488, 57.320

60, 2.448, 58.057

63, 2.278, 239.243

66, 6.723, 240.004

Harmonies

Complementary

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



41, 45.264, 53.349



44, 29.300, 253.961

Rectangle

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



41, 45.264, 53.349



41, 45.264, 103.349



41, 45.264, 233.349



41, 45.264, 283.349

Sweetspot

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



41, 45.263, 53.352



70, 14.518, 56.661



36, 54.839, 343.570



35, 10.134, 56.407



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



41, 45.263, 53.352



49, 68.251, 51.881



55, 50.800, 94.972



30, 2.725, 57.780



33, 57.422, 51.335



1, 2.322, 58.644

Inverse Universe

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



44, 29.300, 253.961



52, 40.964, 261.206



27, 60.985, 297.333



30, 2.616, 239.607



36, 33.708, 264.639



1, 2.322, 238.661

Previews

White Background



This preview shows how the CIELCh color 41, 45.264, 53.349 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 41, 45.264, 53.349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

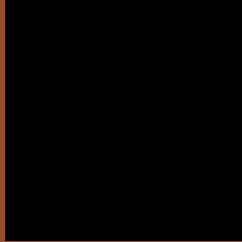
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 45.264, 53.349

Background



This preview shows how black text looks on a background with the CIELCh color 41, 45.264, 53.349.



This preview shows how white text looks on a background with the CIELCh color 41, 45.264, 53.349.

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

41, 45.264, 53.349

Protanopia

41, 32.016, 95.613

Deuteranopia

41, 37.772, 81.208



Tritanopia
41, 35.398, 20.572

Trichromacy



Original Color
41, 45.264, 53.349

Protanomaly
41, 33.890, 76.422

Deuteranomaly
41, 39.501, 70.000

Tritanomaly
41, 37.158, 35.468

Monochromacy



Original Color
41, 45.264, 53.349

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 15.308, 56.745

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 45.264, 53.349 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(149, 77, 37)` looks like.

```
.text, #text, p{  
    color:rgb(149, 77, 37)  
}
```

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(149, 77, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 77, 37) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 45.264, 53.349 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(149, 77, 37) }
```

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

```
.border{ border-color:rgb(149, 77, 37) }
```

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

Here you see how a box with a 4 pixel rgb(149, 77, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 77, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 77, 37);  
box-shadow:4px 4px 4px 4px rgb(149, 77,  
37) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 45.264, 53.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 77, 37) }
```

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

```
.background{ background-color: rgb(149, 77,  
37) }
```

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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