

Converting Colors

CIELCh(41, 8.312, 170.937)

Have a look what the booklet for
CIELCh(41, 8.312, 170.937) contains.

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Color

CIELCh(41, 8.552, 168.590)

Conversions

Conversions Part 1

Format	Color
Hex	53655E
RGB	83, 101, 94
RGB Percent	33%, 40%, 37%
CMY	0.6759, 0.6053, 0.6327
CMYK	0.18, 0.00, 0.07, 0.61
HSL	157°, 10%, 36%
HSV	157°, 18%, 39%
XYZ	10.1615, 11.8645, 12.2627
YIQ	94.8200, -8.4810, -5.9930

Conversions

Conversions Part 2

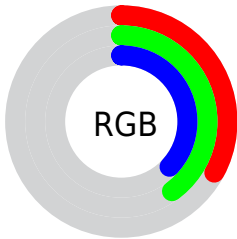
Format	Color
R_{YB}	83, 94, 101
Decimal	5465438
CIE _{Lab}	41.00, -8.38, 1.69
CIE _{LCh}	41, 8.552, 168.590
Yxy	11.8645, 0.2964, 0.3460
Android (android.graphics.Color)	4283655518 (0xFF53655E)
YUV	94.8200, -0.4043, -10.3661
Hunter-Lab	34.4449, -7.6198, 3.0037

Details

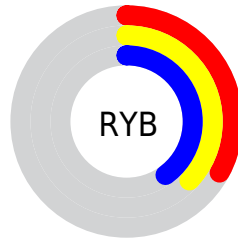
The CIELCh color $41, 8.552, 168.590$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $37, 8.851, 351.674$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 8.596, 167.088$, and $21, 8.301, 168.577$ is the 20% darker color. If you saturate the color by 10%, you get $40, 13.232, 167.604$, and if you desaturate by 10%, it is $42, 3.782, 169.519$.

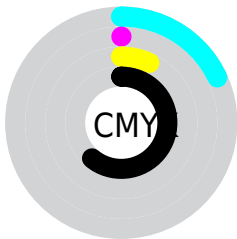
Distribution



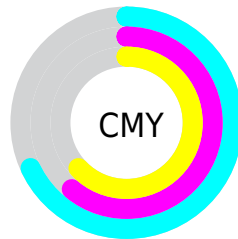
- Red (33%)
- Green (40%)
- Blue (37%)



- Red (33%)
- Yellow (37%)
- Blue (40%)



- Cyan (18%)
- Magenta (0%)
- Yellow (7%)
- Black (61%)



- Cyan (68%)
- Magenta (61%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 8.552, 168.590 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, 8.552, 168.590 by changing the saturation by 10% instead.

■ 41, 8.552, 168.590

■ 41, 8.552, 168.590

■ 100, 8.552,
168.590

■ 31, 8.552, 168.590

■ 61, 8.552, 168.590

■ 21, 8.552, 168.590

■ 71, 8.552, 168.590

■ 11, 8.552, 168.590

■ 81, 8.552, 168.590

■ 1, 8.552, 168.590

■ 91, 8.552, 168.590

■ 0, 8.552, 168.590

■ 41, 8.552, 168.590

■ 41, 8.552, 168.590

■ 40, 13.232,
167.604

■ 42, 3.782, 169.519

■ 39, 17.757,

■ 43, 1.025, 350.009

166.534

44, 5.825, 350.997

39, 22.058,
165.355

45, 10.581,
351.740

38, 26.064,
164.046

46, 15.269,
352.429

38, 29.710,
162.585

47, 19.868,
353.079

38, 32.946,
160.955

49, 24.366,
353.695

37, 35.747,
159.141

50, 28.757,
354.281

37, 38.258,
157.281

52, 33.036,
354.842

37, 38.794,
156.918

Harmonies

Complementary

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



41, 8.552, 168.590



37, 8.851, 351.674

Rectangle

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



41, 8.552, 168.590



41, 8.552, 218.590



41, 8.552, 348.590



41, 8.552, 38.590

Sweetspot

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



41, 8.553, 168.587



54, 2.964, 169.789



41, 11.821, 131.762



28, 2.038, 169.737



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



41, 8.553, 168.587



52, 12.373, 168.230



41, 6.484, 208.421



21, 2.725, 169.419



42, 42.851, 156.540



85, 76.332, 155.061

Inverse Universe

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



37, 8.851, 351.674



46, 12.897, 352.058



37, 7.253, 29.081



19, 2.774, 350.803



23, 46.940, 10.301



52, 81.950, 13.753

Previews

White Background



This preview shows how the CIELCh color 41, 8.552, 168.590 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 41, 8.552, 168.590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

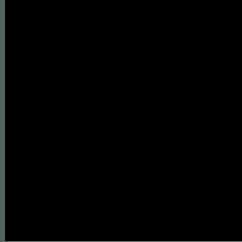
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 8.552, 168.590

Background



This preview shows how black text looks on a background with the CIELCh color 41, 8.552, 168.590.



This preview shows how white text looks on a background with the CIELCh color 41, 8.552, 168.590.

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, 8.552, 168.590

Protanopia

41, 3.276, 86.653

Deuteranopia

41, 5.672, 7.836



Tritanopia
41, 7.179, 241.648

Trichromacy



Original Color
41, 8.552, 168.590

Protanomaly
41, 4.216, 139.564

Deuteranomaly
41, 1.028, 55.190

Tritanomaly
41, 6.416, 209.635

Monochromacy



Original Color
41, 8.552, 168.590

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 2.787, 173.263

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 8.552, 168.590 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(83, 101, 94)` looks like.

```
.text, #text, p{  
    color:rgb(83, 101, 94)  
}
```

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(83, 101, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 101, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 8.552, 168.590 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(83, 101, 94) }
```

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

```
.border{ border-color:rgb(83, 101, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 101, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 101, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 101, 94);  
box-shadow:4px 4px 4px 4px rgb(83, 101,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 8.552, 168.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 101, 94) }
```

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

```
.background{ background-color: rgb(83, 101,  
94) }
```

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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