

Converting Colors

CIELCh(41, 6.110, 151.691)

Have a look what the booklet for
CIELCh(41, 6.110, 151.691) contains.

CIELCh(41, 5.990, 153.657)	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, 5.990, 153.657)

Conversions

Conversions Part 1

Format	Color
Hex	59635C
RGB	89, 99, 92
RGB Percent	35%, 39%, 36%
CMY	0.6503, 0.6111, 0.6385
CMYK	0.10, 0.00, 0.07, 0.61
HSL	138°, 5%, 37%
HSV	138°, 10%, 39%
XYZ	10.5538, 11.8645, 11.8984
YIQ	95.2120, -3.7130, -4.2970

Conversions

Conversions Part 2

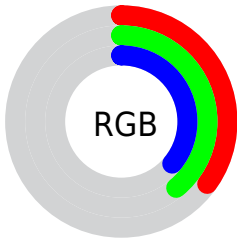
Format	Color
R_{YB}	89, 97, 99
Decimal	5858140
CIE Lab	41.00, -5.37, 2.66
CIE LCh	41, 5.990, 153.657
Yxy	11.8645, 0.3075, 0.3457
Android (android.graphics.Color)	4284048220 (0xFF59635C)
YUV	95.2120, -1.5835, -5.4479
Hunter-Lab	34.4449, -5.5871, 3.6308

Details

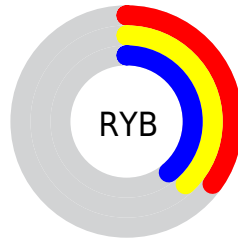
The CIELCh color **41, 5.990, 153.657** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **39, 6.022, 334.892**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 6.232, 152.766**, and **21, 6.668, 153.138** is the 20% darker color. If you saturate the color by 10%, you get **40, 11.968, 152.894**, and if you desaturate by 10%, it is **42, 0.047, 158.611**.

Distribution



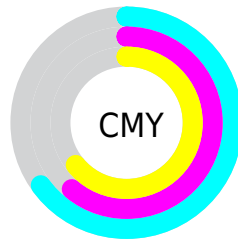
- Red (35%)
- Green (39%)
- Blue (36%)



- Red (35%)
- Yellow (38%)
- Blue (39%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (61%)



- Cyan (65%)
- Magenta (61%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 5.990, 153.657 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, 5.990, 153.657 by changing the saturation by 10% instead.

■ 41, 5.990, 153.657

■ 41, 5.990, 153.657

■ 100, 5.990,
153.657

■ 31, 5.990, 153.657

■ 61, 5.990, 153.657

■ 21, 5.990, 153.657

■ 71, 5.990, 153.657

■ 11, 5.990, 153.657

■ 81, 5.990, 153.657

■ 1, 5.990, 153.657

■ 91, 5.990, 153.657

■ 0, 5.990, 153.657

■ 41, 5.990, 153.657

■ 41, 5.990, 153.657

■ 40, 11.968,
152.894

■ 42, 0.047, 158.611

■ 39, 17.915,

■ 43, 5.816, 334.826

152.042

44, 11.562,
335.364

38, 23.754,
151.073

46, 17.167,
335.837

38, 29.394,
149.968

47, 22.616,
336.263

37, 34.737,
148.711

48, 27.900,
336.649

37, 39.682,
147.293

50, 33.019,
337.002

37, 44.138,
145.713

51, 37.973,
337.327

36, 48.035,
143.993

53, 42.766,
337.627

36, 51.509,
142.440

Harmonies

Complementary

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



41, 5.990, 153.657



39, 6.022, 334.892

Rectangle

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



41, 5.990, 153.657



41, 5.990, 203.657



41, 5.990, 333.657



41, 5.990, 23.657

Sweetspot

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



41, 5.991, 153.655



54, 2.214, 154.200



42, 6.157, 120.627



28, 1.693, 154.137



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, 5.991, 153.655



53, 8.915, 153.488



41, 4.323, 181.210



20, 3.266, 153.745



41, 56.614, 142.116



83, 102.008, 140.799

Inverse Universe

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



39, 6.022, 334.892



50, 8.966, 335.048



39, 4.479, 2.810



18, 3.282, 334.807



24, 50.818, 343.925



53, 87.815, 345.245

Previews

White Background



This preview shows how the CIELCh color 41, 5.990, 153.657 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, 5.990, 153.657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

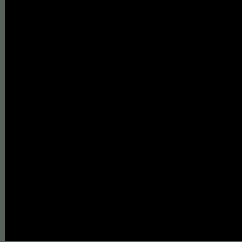
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

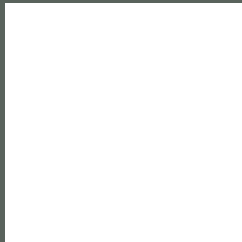
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 5.990, 153.657

Background



This preview shows how black text looks on a background with the CIELCh color 41, 5.990, 153.657.



This preview shows how white text looks on a background with the CIELCh color 41, 5.990, 153.657.

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, 5.990, 153.657

Protanopia

41, 3.465, 80.074

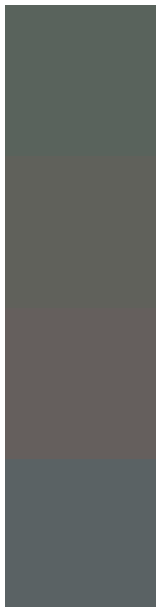
Deuteranopia

41, 6.017, 20.162



Tritanopia
41, 5.363, 264.492

Trichromacy



Original Color
41, 5.990, 153.657

Protanomaly
41, 3.655, 116.295

Deuteranomaly
41, 2.820, 44.986

Tritanomaly
41, 3.438, 219.838

Monochromacy



Original Color
41, 5.990, 153.657

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 2.484, 152.167

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 5.990, 153.657 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(89, 99, 92)` looks like.

```
.text, #text, p{  
    color:rgb(89, 99, 92)  
}
```

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(89, 99, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 99, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 5.990, 153.657 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(89, 99, 92) }
```

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

```
.border{ border-color:rgb(89, 99, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 99, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 99, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 99, 92);  
box-shadow:4px 4px 4px 4px rgb(89, 99, 92)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 5.990, 153.657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 99, 92) }
```

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

```
.background{ background-color: rgb(89, 99,  
92) }
```

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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