

Converting Colors

CIELCh(41, 7.582, 165.556)

Have a look what the booklet for
CIELCh(41, 7.582, 165.556) contains.

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Color

CIELCh(41, 7.555, 164.292)

Conversions

Conversions Part 1

Format	Color
Hex	55645D
RGB	85, 100, 93
RGB Percent	33%, 39%, 36%
CMY	0.6662, 0.6074, 0.6349
CMYK	0.15, 0.00, 0.07, 0.61
HSL	152°, 8%, 36%
HSV	152°, 15%, 39%
XYZ	10.3048, 11.8645, 12.1285
YIQ	94.7170, -6.6930, -5.3570

Conversions

Conversions Part 2

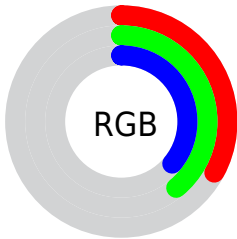
Format	Color
RYB	85, 95, 100
Decimal	5596253
CIELab	41.00, -7.27, 2.05
CIELCh	41, 7.555, 164.292
Yxy	11.8645, 0.3005, 0.3459
Android (android.graphics.Color)	4283786333 (0xFF55645D)
YUV	94.7170, -0.8465, -8.5218
Hunter-Lab	34.4449, -6.8773, 3.2347

Details

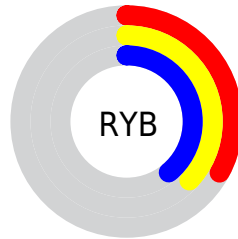
The CIELCh color $41, 7.555, 164.292$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $38, 7.714, 346.687$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 7.669, 162.826$, and $21, 7.237, 163.921$ is the 20% darker color. If you saturate the color by 10%, you get $40, 12.550, 163.357$, and if you desaturate by 10%, it is $42, 2.513, 165.192$.

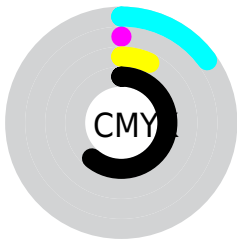
Distribution



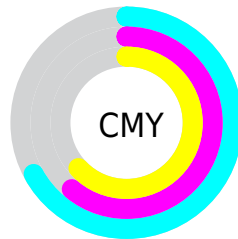
- Red (33%)
- Green (39%)
- Blue (36%)



- Red (33%)
- Yellow (37%)
- Blue (39%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (61%)



- Cyan (67%)
- Magenta (61%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 7.555, 164.292 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, 7.555, 164.292 by changing the saturation by 10% instead.

■ 41, 7.555, 164.292

■ 41, 7.555, 164.292

■ 100, 7.555,
164.292

■ 31, 7.555, 164.292

■ 61, 7.555, 164.292

■ 21, 7.555, 164.292

■ 71, 7.555, 164.292

■ 11, 7.555, 164.292

■ 81, 7.555, 164.292

■ 1, 7.555, 164.292

■ 91, 7.555, 164.292

■ 0, 7.555, 164.292

■ 41, 7.555, 164.292

■ 41, 7.555, 164.292

■ 40, 12.550,
163.357

■ 42, 2.513, 165.192

■ 39, 17.434,

■ 43, 2.527, 345.757

162.336

44, 7.523, 346.531

39, 22.136,
161.201

45, 12.444,
347.202

38, 26.583,
159.932

46, 17.269,
347.822

38, 30.702,
158.509

48, 21.982,
348.402

37, 34.430,
156.911

49, 26.573,
348.949

37, 37.726,
155.128

50, 31.040,
349.466

37, 40.636,
153.220

52, 35.380,
349.957

37, 42.072,
152.344

Harmonies

Complementary

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



41, 7.555, 164.292



38, 7.714, 346.687

Rectangle

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



41, 7.555, 164.292



41, 7.555, 214.292



41, 7.555, 344.292



41, 7.555, 34.292

Sweetspot

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



41, 7.556, 164.289



54, 2.498, 165.282



41, 9.656, 129.035



28, 1.790, 165.220



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, 7.556, 164.289



52, 11.241, 163.968



41, 5.902, 200.203



21, 2.875, 164.826



42, 46.697, 151.944



85, 83.410, 150.453

Inverse Universe

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



38, 7.714, 346.687



48, 11.531, 347.014



38, 6.461, 21.632



19, 2.913, 346.144



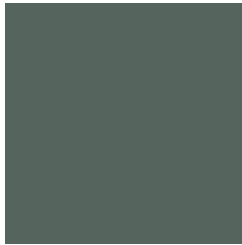
23, 46.932, 3.073



52, 81.211, 6.067

Previews

White Background



This preview shows how the CIELCh color 41, 7.555, 164.292 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, 7.555, 164.292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

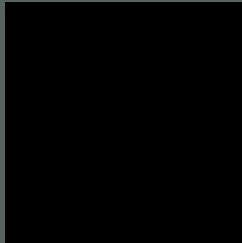
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

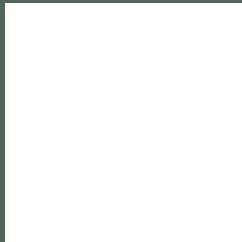
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 7.555, 164.292

Background



This preview shows how black text looks on a background with the CIELCh color 41, 7.555, 164.292.



This preview shows how white text looks on a background with the CIELCh color 41, 7.555, 164.292.

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

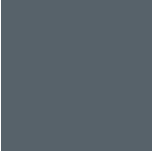
41, 7.555, 164.292

Protanopia

41, 3.465, 80.074

Deuteranopia

41, 6.025, 14.431



Tritanopia
41, 6.406, 248.578

Trichromacy



Original Color

41, 7.555, 164.292

Protanomaly

41, 3.148, 125.285

Deuteranomaly

41, 1.743, 63.265

Tritanomaly

41, 5.304, 212.113

Monochromacy



Original Color

41, 7.555, 164.292

Achromatopsia

40, 0.006, 296.813

Achromatomaly

41, 3.110, 163.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 7.555, 164.292 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(85, 100, 93)` looks like.

```
.text, #text, p{  
    color:rgb(85, 100, 93)  
}
```

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(85, 100, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 100, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 7.555, 164.292 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(85, 100, 93) }
```

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

```
.border{ border-color:rgb(85, 100, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 100, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 100, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 100, 93);  
box-shadow:4px 4px 4px 4px rgb(85, 100,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 7.555, 164.292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 100, 93) }
```

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

```
.background{ background-color: rgb(85, 100,  
93) }
```

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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