

Converting Colors

CIELCh(42, 25.227, 154.871)

Have a look what the booklet for
CIELCh(42, 25.227, 154.871)
contains.

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Color

CIELCh(42, 25.350, 155.006)

Conversions

Conversions Part 1

Format	Color
Hex	3E6D51
RGB	62, 109, 81
RGB Percent	24%, 43%, 32%
CMY	0.7577, 0.5734, 0.6831
CMYK	0.43, 0.00, 0.26, 0.57
HSL	144°, 28%, 33%
HSV	144°, 43%, 43%
XYZ	8.8970, 12.5000, 9.6887
YIQ	91.7550, -19.0240, -18.6720

Conversions

Conversions Part 2

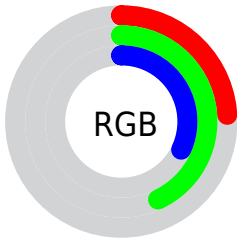
Format	Color
R_{YB}	62, 95, 109
Decimal	4091217
CIE _{Lab}	42.00, -22.98, 10.71
CIE _{LCh}	42, 25.350, 155.006
Yxy	12.5000, 0.2862, 0.4021
Android (android.graphics.Color)	4282281297 (0xFF3E6D51)
YUV	91.7550, -5.3022, -26.0951
Hunter-Lab	35.3553, -16.9532, 8.5011

Details

The CIELCh color **42, 25.350, 155.006** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **33, 26.029, 342.413**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 25.581, 154.614**, and **22, 25.500, 154.731** is the 20% darker color. If you saturate the color by 10%, you get **41, 30.808, 153.785**, and if you desaturate by 10%, it is **43, 19.643, 156.082**.

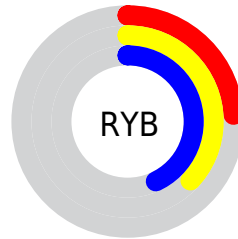
Distribution



 Red (24%)

 Green (43%)

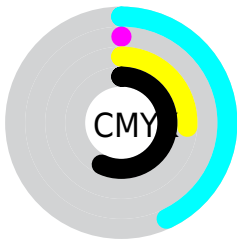
 Blue (32%)



 Red (24%)

 Yellow (37%)

 Blue (43%)

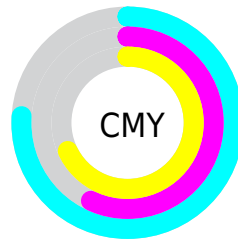


 Cyan (43%)


 Magenta (0%)

 Yellow (26%)

 Black (57%)



 Cyan (76%)


 Magenta (57%)

 Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 25.350, 155.006 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 42, 25.350, 155.006 by changing the saturation by 10% instead.

 42, 25.350,
155.006


 42, 25.350,
155.006


 100, 25.350,
155.006


 32, 25.350,
155.006

 62, 25.350,
155.006


 22, 25.350,
155.006

 72, 25.350,
155.006

 12, 25.350,
155.006

 82, 25.350,
155.006

 2, 25.350, 155.006

 92, 25.350,
155.006

 0, 25.350, 155.006

 42, 25.350,

 42, 25.350,

155.006

155.006

■ 41, 30.808,
153.785

■ 43, 19.643,
156.082

■ 41, 35.923,
152.401

■ 44, 13.778,
157.037

■ 40, 40.606,
150.839

■ 45, 7.836, 157.892

■ 40, 44.793,
149.093

■ 46, 1.889, 158.741

■ 47, 4.009, 339.231

■ 40, 48.460,
147.191

■ 48, 9.814, 339.879

■ 40, 50.815,
145.996

■ 49, 15.498,
340.446

■ 51, 21.039,
340.963

■ 52, 26.425,
341.438

Harmonies

Complementary

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



42, 25.350, 155.006



33, 26.029, 342.413

Rectangle

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



42, 25.350, 155.006



42, 25.350, 205.006



42, 25.350, 335.006



42, 25.350, 25.006

Sweetspot

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



42, 25.351, 155.006



57, 9.508, 157.880



43, 28.714, 123.442



29, 6.707, 157.736



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



42, 25.351, 155.006



53, 37.083, 153.763



43, 17.443, 187.957



22, 3.289, 158.237



43, 53.850, 145.793



85, 95.501, 144.415

Inverse Universe

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



33, 26.029, 342.413



39, 38.084, 343.517



32, 22.010, 15.953



21, 3.315, 339.433



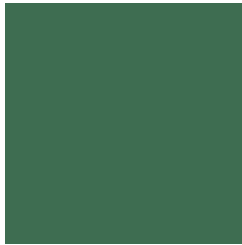
24, 49.495, 351.925



53, 84.313, 353.898

Previews

White Background



This preview shows how the CIELCh color 42, 25.350, 155.006 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 42, 25.350, 155.006 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 42, 25.350, 155.006

Background



This preview shows how black text looks on a background with the CIELCh color 42, 25.350, 155.006.



This preview shows how white text looks on a background with the CIELCh color 42, 25.350, 155.006.

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


42, 25.350, 155.006

Protanopia

42, 14.058, 96.947

Deuteranopia

42, 10.486, 59.072



Tritanopia
42, 13.624, 218.963

Trichromacy



Original Color
42, 25.350, 155.006

Protanomaly
42, 16.188, 130.122

Deuteranomaly
41, 10.565, 122.937

Tritanomaly
42, 15.403, 186.178

Monochromacy



Original Color
42, 25.350, 155.006

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 9.404, 157.905

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 25.350, 155.006 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(62, 109, 81)` looks like.

```
.text, #text, p{  
    color:rgb(62, 109, 81)  
}
```

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(62, 109, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 109, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 25.350, 155.006 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(62, 109, 81) }
```

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

```
.border{ border-color:rgb(62, 109, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 109, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 109, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 109, 81);  
box-shadow:4px 4px 4px 4px rgb(62, 109,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 25.350, 155.006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 109, 81) }
```

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

```
.background{ background-color: rgb(62, 109,  
81) }
```

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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