

Converting Colors

CIELCh(44, 27.806, 156.319)

Have a look what the booklet for
CIELCh(44, 27.806, 156.319)
contains.

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Color

CIELCh(44, 27.777, 156.364)

Conversions

Conversions Part 1

Format	Color
Hex	3D7355
RGB	61, 115, 85
RGB Percent	24%, 45%, 33%
CMY	0.7618, 0.5500, 0.6676
CMYK	0.47, 0.00, 0.26, 0.55
HSL	147°, 31%, 34%
HSV	147°, 47%, 45%
XYZ	9.6398, 13.8382, 10.7064
YIQ	95.4340, -22.5540, -20.7780

Conversions

Conversions Part 2

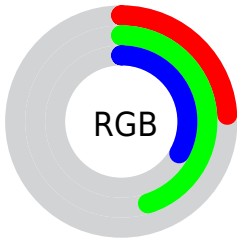
Format	Color
R_{YB}	61, 98, 115
Decimal	4027221
CIE _{Lab}	44.00, -25.45, 11.14
CIE _{LCh}	44, 27.777, 156.364
Yxy	13.8382, 0.2820, 0.4048
Android (android.graphics.Color)	4282217301 (0xFF3D7355)
YUV	95.4340, -5.1440, -30.1986
Hunter-Lab	37.1997, -18.8437, 8.9757

Details


The CIELCh color $44, 27.777, 156.364$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $33, 28.799, 345.043$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 27.363, 156.596$, and $24, 27.489, 156.804$ is the 20% darker color. If you saturate the color by 10%, you get $43, 33.128, 155.053$, and if you desaturate by 10%, it is $45, 22.123, 157.521$.

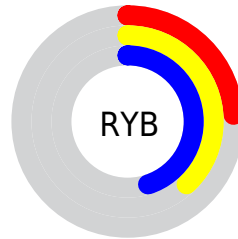
Distribution



 Red (24%)

 Green (45%)

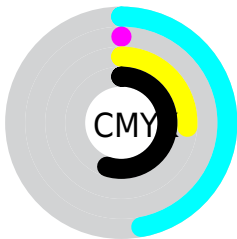
 Blue (33%)




 Red (24%)

 Yellow (38%)

 Blue (45%)

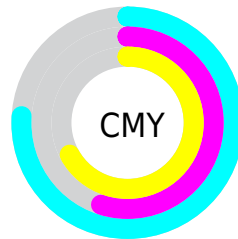


 Cyan (47%)


 Magenta (0%)

 Yellow (26%)

 Black (55%)



 Cyan (76%)

 Magenta (55%)

 Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 27.777, 156.364 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 44, 27.777, 156.364 by changing the saturation by 10% instead.

 44, 27.777,
156.364


 44, 27.777,
156.364


 100, 27.777,
156.364

 34, 27.777,
156.364

 64, 27.777,
156.364


 24, 27.777,
156.364

 74, 27.777,
156.364

 14, 27.777,
156.364

 84, 27.777,
156.364

 4, 27.777, 156.364

 94, 27.777,
156.364

 0, 27.777, 156.364

 44, 27.777,

 44, 27.777,

156.364

156.364

■ 43, 33.128,
155.053

■ 45, 22.123,
157.521

■ 43, 38.083,
153.572

■ 46, 16.259,
158.549

■ 42, 42.564,
151.904

■ 47, 10.273,
159.468

■ 42, 46.521,
150.047

■ 48, 4.243, 160.319

■ 42, 50.023,
148.099

■ 49, 1.766, 340.848

■ 50, 7.706, 341.628

■ 42, 51.029,
147.575

■ 51, 13.540,
342.253

■ 53, 19.241,
342.821

■ 54, 24.794,

Harmonies

Complementary

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



44, 27.777, 156.364



33, 28.799, 345.043

Rectangle

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



44, 27.777, 156.364



44, 27.777, 206.364



44, 27.777, 336.364



44, 27.777, 26.364

Sweetspot

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



44, 27.778, 156.363



59, 10.379, 159.703



45, 32.813, 124.534



30, 7.120, 159.558



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



44, 27.778, 156.363



55, 40.005, 155.006



45, 19.207, 190.776



23, 3.321, 160.157



44, 52.770, 147.459



86, 92.795, 146.091

Inverse Universe

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



33, 28.799, 345.043



40, 41.482, 346.354



33, 25.402, 19.199



22, 3.352, 341.412



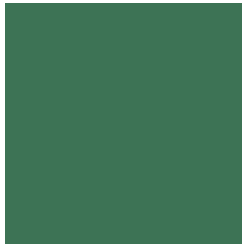
25, 49.430, 355.379



54, 83.727, 357.588

Previews

White Background



This preview shows how the CIE LCh color 44, 27.777, 156.364 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 44, 27.777, 156.364 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 44, 27.777, 156.364

Background



This preview shows how black text looks on a background with the CIELCh color 44, 27.777, 156.364.



This preview shows how white text looks on a background with the CIELCh color 44, 27.777, 156.364.

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

44, 27.777, 156.364

Protanopia

44, 14.745, 93.917

Deuteranopia

44, 11.134, 59.911



Tritanopia
44, 15.142, 218.973

Trichromacy



Original Color
44, 27.777, 156.364

Protanomaly
43, 16.629, 129.373

Deuteranomaly
43, 11.167, 124.287

Tritanomaly
44, 17.186, 187.327

Monochromacy



Original Color
44, 27.777, 156.364

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 10.364, 158.223

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 27.777, 156.364 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(61, 115, 85)` looks like.

```
.text, #text, p{  
    color:rgb(61, 115, 85)  
}
```

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(61, 115, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 115, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 27.777, 156.364 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(61, 115, 85) }
```

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

```
.border{ border-color:rgb(61, 115, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 115, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 115, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 115, 85);  
box-shadow:4px 4px 4px 4px rgb(61, 115,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 27.777, 156.364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 115, 85) }
```

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

```
.background{ background-color: rgb(61, 115,  
85) }
```

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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