

Converting Colors

CIELCh(44, 29.634, 153.554)

Have a look what the booklet for
CIELCh(44, 29.634, 153.554)
contains.

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Color

CIELCh(44, 29.750, 153.438)

Conversions

Conversions Part 1

Format	Color
Hex	3C7351
RGB	60, 115, 81
RGB Percent	24%, 45%, 32%
CMY	0.7644, 0.5487, 0.6821
CMYK	0.48, 0.00, 0.30, 0.55
HSL	143°, 31%, 34%
HSV	143°, 48%, 45%
XYZ	9.4963, 13.8382, 9.9700
YIQ	94.6790, -21.8660, -22.2340

Conversions

Conversions Part 2

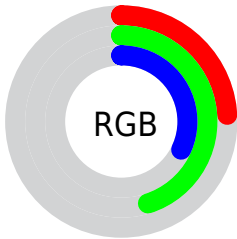
Format	Color
RYB	60, 100, 115
Decimal	3961681
CIELab	44.00, -26.61, 13.30
CIELCh	44, 29.750, 153.438
Yxy	13.8382, 0.2851, 0.4155
Android (android.graphics.Color)	4282151761 (0xFF3C7351)
YUV	94.6790, -6.7437, -30.4135
Hunter-Lab	37.1997, -19.5325, 10.1493

Details

The CIELCh color **44, 29.750, 153.438** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **33, 30.432, 341.738**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 29.632, 153.114**, and **24, 29.659, 153.578** is the 20% darker color. If you saturate the color by 10%, you get **43, 35.421, 152.141**, and if you desaturate by 10%, it is **45, 23.767, 154.579**.

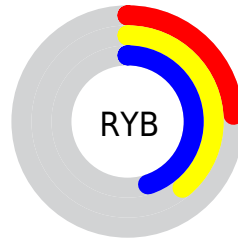
Distribution



Red (24%)

Green (45%)

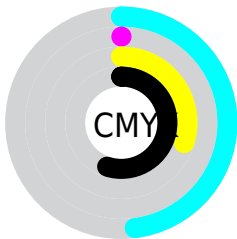
Blue (32%)



Red (24%)

Yellow (39%)

Blue (45%)

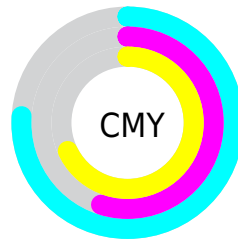


Cyan (48%)

Magenta (0%)

Yellow (30%)

Black (55%)



Cyan (76%)

Magenta (55%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 29.750, 153.438 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, 29.750, 153.438 by changing the saturation by 10% instead.

 44, 29.750,
153.438

 44, 29.750,
153.438

 100, 29.750,
153.438

 34, 29.750,
153.438

 64, 29.750,
153.438

 24, 29.750,
153.438

 74, 29.750,
153.438

 14, 29.750,
153.438

 84, 29.750,
153.438

 4, 29.750, 153.438

 94, 29.750,
153.438

 0, 29.750, 153.438

 44, 29.750,

 44, 29.750,

153.438

153.438

■ 43, 35.421,
152.141

■ 45, 23.767,
154.579

■ 43, 40.677,
150.670

■ 46, 17.573,
155.584

■ 42, 45.432,
149.018

■ 47, 11.264,
156.476

■ 42, 49.624,
147.188

■ 48, 4.919, 157.287

■ 42, 53.327,
145.311

■ 49, 1.392, 337.763

■ 50, 7.619, 338.535

■ 42, 54.120,
144.938

■ 51, 13.724,
339.118

■ 53, 19.681,
339.642

■ 54, 25.474,

Harmonies

Complementary

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



44, 29.750, 153.438



33, 30.432, 341.738

Rectangle

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



44, 29.750, 153.438



44, 29.750, 203.438



44, 29.750, 333.438



44, 29.750, 23.438

Sweetspot

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



44, 29.751, 153.438



60, 11.032, 156.760



46, 32.861, 121.920



31, 7.678, 156.616



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



44, 29.751, 153.438



56, 43.455, 152.043



45, 20.215, 184.529



24, 3.611, 157.187



45, 56.755, 144.782



87, 98.977, 143.508

Inverse Universe

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



33, 30.432, 341.738



41, 44.279, 342.926



32, 25.695, 14.306



23, 3.637, 338.384



26, 51.536, 350.238



55, 86.501, 351.946

Previews

White Background



This preview shows how the CIELCh color 44, 29.750, 153.438 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, 29.750, 153.438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

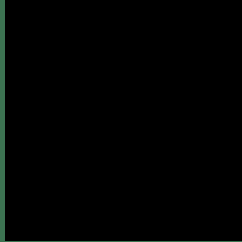
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 29.750, 153.438

Background



This preview shows how black text looks on a background with the CIELCh color 44, 29.750, 153.438.



This preview shows how white text looks on a background with the CIELCh color 44, 29.750, 153.438.

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, 29.750, 153.438

Protanopia

44, 16.472, 95.058

Deuteranopia

44, 13.128, 62.861



Tritanopia
44, 14.867, 219.407

Trichromacy



Original Color
44, 29.750, 153.438

Protanomaly
43, 18.439, 128.502

Deuteranomaly
43, 13.462, 121.380

Tritanomaly
44, 17.604, 183.510

Monochromacy



Original Color
44, 29.750, 153.438

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 11.085, 157.165

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 29.750, 153.438 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(60, 115, 81)` looks like.

```
.text, #text, p{  
    color:rgb(60, 115, 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(60, 115, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 115, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 29.750, 153.438 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(60, 115, 81) }
```

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

```
.border{ border-color:rgb(60, 115, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 115, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 115, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 115, 81);  
box-shadow:4px 4px 4px 4px rgb(60, 115,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 29.750, 153.438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 115, 81) }
```

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

```
.background{ background-color: rgb(60, 115,  
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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