

Converting Colors

CIELCh(44, 53.706, 134.412)

Have a look what the booklet for
CIELCh(44, 53.706, 134.412)
contains.

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Color

CIELCh(44, 53.688, 134.474)

Conversions

Conversions Part 1

Format	Color
Hex	347622
RGB	52, 118, 34
RGB Percent	20%, 46%, 13%
CMY	0.7955, 0.5367, 0.8661
CMYK	0.56, 0.00, 0.71, 0.54
HSL	107°, 55%, 30%
HSV	107°, 71%, 46%
XYZ	8.2082, 13.8382, 3.7616
YIQ	88.6900, -12.3720, -40.1160

Conversions

Conversions Part 2

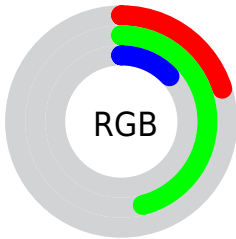
Format	Color
R_{YB}	34, 118, 100
Decimal	3438114
CIE Lab	44.00, -37.61, 38.31
CIE LCh	44, 53.688, 134.474
Yxy	13.8382, 0.3180, 0.5362
Android (android.graphics.Color)	4281628194 (0xFF347622)
YUV	88.6900, -26.9622, -32.1771
Hunter-Lab	37.1997, -25.7129, 20.0444

Details

The CIELCh color $44, 53.688, 134.474$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $27, 54.847, 320.884$, and the grayscale version is $38, 0.005, 296.813$.

A 20% lighter version of the original color is $64, 53.845, 134.233$, and $25, 46.502, 136.352$ is the 20% darker color. If you saturate the color by 10%, you get $44, 59.089, 134.137$, and if you desaturate by 10%, it is $45, 47.286, 134.999$.

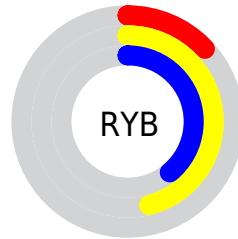
Distribution



Red (20%)

Green (46%)

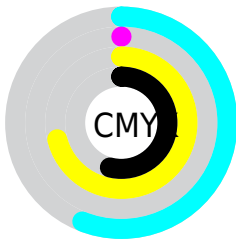
Blue (13%)



Red (13%)

Yellow (46%)

Blue (39%)

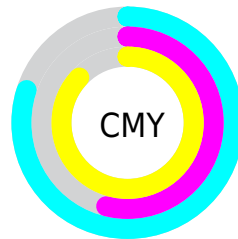


Cyan (56%)

Magenta (0%)

Yellow (71%)

Black (54%)



Cyan (80%)

Magenta (54%)

Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 53.688, 134.474 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, 53.688, 134.474 by changing the saturation by 10% instead.

 44, 53.688,
134.474

 44, 53.688,
134.474


 100, 53.688,
134.474

 34, 53.688,
134.474

 64, 53.688,
134.474

 24, 53.688,
134.474

 74, 53.688,
134.474

 14, 53.688,
134.474

 84, 53.688,
134.474

 4, 53.688, 134.474

 94, 53.688,
134.474

 0, 53.688, 134.474

 44, 53.688,

 44, 53.688,

134.474

134.474

■ 44, 59.089,
134.137

■ 45, 47.286,
134.999

■ 43, 63.182,
134.100

■ 45, 40.182,
135.611

■ 43, 66.092,
134.064

■ 46, 32.619,
136.240

■ 47, 24.785,
136.844

■ 48, 16.817,
137.402

■ 48, 8.820, 137.908

■ 50, 0.869, 138.494

■ 51, 6.981, 318.699

■ 52, 14.692,

Harmonies

Complementary

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



44, 53.688, 134.474



27, 54.847, 320.884

Rectangle

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



44, 53.688, 134.474



44, 53.688, 184.474



44, 53.688, 314.474



44, 53.688, 4.474

Sweetspot

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



44, 53.688, 134.475



61, 20.680, 137.380



43, 38.559, 91.015



31, 13.917, 137.266



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, 53.688, 134.475



56, 74.432, 134.073



44, 46.818, 146.322



24, 4.438, 138.008



45, 67.828, 134.105



87, 115.818, 134.656

Inverse Universe

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



27, 54.847, 320.884



32, 75.571, 320.816



29, 45.992, 339.187



23, 4.463, 318.734



23, 68.479, 320.461



50, 116.301, 320.063

Previews

White Background



This preview shows how the CIELCh color 44, 53.688, 134.474 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 CIELCh color 44, 53.688, 134.474 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, 53.688, 134.474

Background



This preview shows how black text looks on a background with the CIELCh color 44, 53.688, 134.474.



This preview shows how white text looks on a background with the CIELCh color 44, 53.688, 134.474.

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, 53.688, 134.474

Protanopia

44, 41.489, 95.951

Deuteranopia

44, 36.840, 80.568



Tritanopia
44, 15.142, 218.973

Trichromacy



Original Color
44, 53.688, 134.474

Protanomaly
43, 43.056, 114.301

Deuteranomaly
43, 37.397, 107.643

Tritanomaly
44, 24.732, 159.450

Monochromacy



Original Color
44, 53.688, 134.474

Achromatopsia
38, 0.005, 296.813

Achromatomaly
40, 21.461, 136.558

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 53.688, 134.474 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(52, 118, 34)` looks like.

```
.text, #text, p{  
    color:rgb(52, 118, 34)  
}
```

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(52, 118, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 118, 34) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 53.688, 134.474 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(52, 118, 34) }
```

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

```
.border{ border-color:rgb(52, 118, 34) }
```

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

Here you see how a box with a 4 pixel rgb(52, 118, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 118, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 118, 34);  
box-shadow:4px 4px 4px 4px rgb(52, 118,  
34) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 53.688, 134.474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 118, 34) }
```

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

```
.background{ background-color: rgb(52, 118,  
34) }
```

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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