

Converting Colors

CIELCh(52, 30.734, 135.116)

Have a look what the booklet for
CIELCh(52, 30.734, 135.116)
contains.

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Color

CIELCh(52, 30.600, 135.401)

Conversions

Conversions Part 1

Format	Color
Hex	628556
RGB	98, 133, 86
RGB Percent	38%, 52%, 34%
CMY	0.6146, 0.4773, 0.6617
CMYK	0.26, 0.00, 0.35, 0.48
HSL	105°, 21%, 43%
HSV	105°, 35%, 52%
XYZ	15.1862, 20.1443, 11.9500
YIQ	117.1770, -5.7730, -22.0370

Conversions

Conversions Part 2

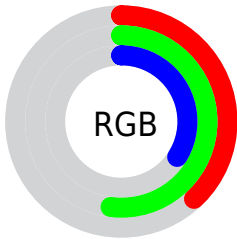
Format	Color
R_{YB}	86, 133, 121
Decimal	6456662
CIE _{Lab}	52.00, -21.79, 21.49
CIE _{LCh}	52, 30.600, 135.401
Yxy	20.1443, 0.3212, 0.4261
Android (android.graphics.Color)	4284646742 (0xFF628556)
YUV	117.1770, -15.3703, -16.8182
Hunter-Lab	44.8824, -18.1477, 15.6317

Details

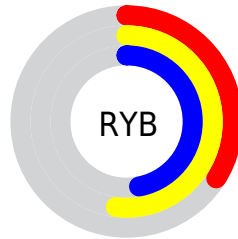
The CIELCh color $52, 30.600, 135.401$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $42, 31.239, 318.593$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 30.433, 135.092$, and $32, 30.331, 135.225$ is the 20% darker color. If you saturate the color by 10%, you get $51, 39.032, 134.820$, and if you desaturate by 10%, it is $53, 21.966, 135.956$.

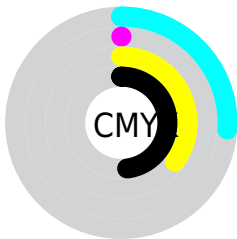
Distribution



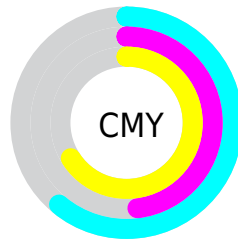
- Red (38%)
- Green (52%)
- Blue (34%)



- Red (34%)
- Yellow (52%)
- Blue (47%)



- Cyan (26%)
- Magenta (0%)
- Yellow (35%)
- Black (48%)





- Cyan (61%)
- Magenta (48%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 30.600, 135.401 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 52, 30.600, 135.401 by changing the saturation by 10% instead.


 52, 30.600,
135.401


 52, 30.600,
135.401


 100, 30.600,
135.401


 42, 30.600,
135.401


 72, 30.600,
135.401

 32, 30.600,
135.401

 82, 30.600,
135.401

 22, 30.600,
135.401

 92, 30.600,
135.401

 12, 30.600,
135.401

 2, 30.600, 135.401

 0, 30.600, 135.401

■ 52, 30.600,
135.401

■ 52, 30.600,
135.401

■ 51, 39.032,
134.820

■ 53, 21.966,
135.956

■ 50, 47.085,
134.243

■ 54, 13.252,
136.467

■ 50, 54.528,
133.729

■ 55, 4.553, 136.942

■ 49, 61.059,
133.369

■ 56, 4.065, 317.276

■ 49, 66.328,
133.277

■ 58, 12.553,
317.651

■ 49, 70.096,
133.522

■ 59, 20.880,
317.960

■ 49, 71.656,
133.585

■ 60, 29.025,
318.224

■ 62, 36.975,
318.452

■ 63, 44.724,
318.646

Harmonies

Complementary

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



52, 30.600, 135.401



42, 31.239, 318.593

Rectangle

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



52, 30.600, 135.401



52, 30.600, 185.401



52, 30.600, 315.401



52, 30.600, 5.401

Sweetspot

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



52, 30.601, 135.402



69, 11.811, 136.660



51, 20.709, 91.869



36, 7.906, 136.607



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



52, 30.601, 135.402



66, 44.973, 134.956



52, 28.101, 148.995



27, 4.859, 136.760



47, 70.365, 133.556



1, 1.161, 137.129

Inverse Universe

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



42, 31.239, 318.593



51, 46.091, 318.894



43, 28.269, 334.013



26, 4.891, 317.484



24, 72.000, 319.056



0, 1.162, 317.126

Previews

White Background



This preview shows how the CIELCh color 52, 30.600, 135.401 looks on a white 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

Black Background



This preview shows how the CIELCh color 52, 30.600, 135.401 looks on a black 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

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

CIELCh 52, 30.600, 135.401

Background



This preview shows how black text looks on a background with the CIELCh color 52, 30.600, 135.401.



This preview shows how white text looks on a background with the CIELCh color 52, 30.600, 135.401.

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](#).

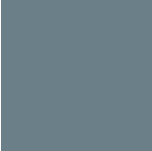
Dichromacy



Original Color
52, 30.600, 135.401

Protanopia
52, 24.482, 96.480

Deuteranopia
52, 20.710, 70.770



Tritanopia
52, 9.252, 237.895

Trichromacy



Original Color
52, 30.600, 135.401

Protanomaly
52, 24.667, 113.179

Deuteranomaly
52, 20.232, 101.316

Tritanomaly
52, 11.446, 167.710

Monochromacy



Original Color
52, 30.600, 135.401

Achromatopsia
49, 0.007, 296.813

Achromatomaly
50, 11.287, 137.150

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 30.600, 135.401 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(98, 133, 86)` looks like.

```
.text, #text, p{  
    color:rgb(98, 133, 86)  
}
```

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(98, 133, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 133, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 30.600, 135.401 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(98, 133, 86) }
```

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

```
.border{ border-color:rgb(98, 133, 86) }
```

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

Here you see how a box with a 4 pixel rgb(98, 133, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 133, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 133, 86);  
box-shadow:4px 4px 4px 4px rgb(98, 133,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 30.600, 135.401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 133, 86) }
```

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

```
.background{ background-color: rgb(98, 133,  
86) }
```

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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