

Converting Colors

CIELCh(51, 65.764, 137.216)

Have a look what the booklet for
CIELCh(51, 65.764, 137.216)
contains.

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Color

CIELCh(51, 66.012, 137.244)

Conversions

Conversions Part 1

Format	Color
Hex	298C24
RGB	41, 140, 36
RGB Percent	16%, 55%, 14%
CMY	0.8406, 0.4520, 0.8599
CMYK	0.71, 0.00, 0.74, 0.45
HSL	117°, 59%, 34%
HSV	117°, 74%, 55%
XYZ	10.5540, 19.2686, 4.8105
YIQ	98.5430, -25.6200, -53.3320

Conversions

Conversions Part 2

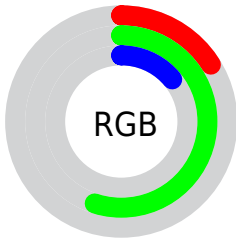
Format	Color
R_{YB}	36, 140, 135
Decimal	2722852
CIE Lab	51.00, -48.47, 44.81
CIE LCh	51, 66.012, 137.244
Yxy	19.2686, 0.3047, 0.5564
Android (android.graphics.Color)	4280912932 (0xFF298C24)
YUV	98.5430, -30.8337, -50.4652
Hunter-Lab	43.8960, -33.9009, 24.2298

Details

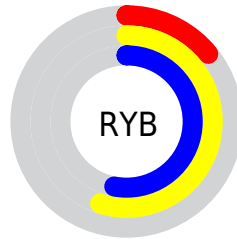
The CIELCh color **51, 66.012, 137.244** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **35, 65.127, 326.286**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **71, 66.144, 137.412**, and **32, 55.146, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **51, 71.302, 136.500**, and if you desaturate by 10%, it is **51, 59.192, 138.164**.

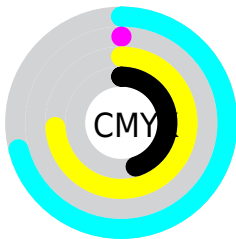
Distribution



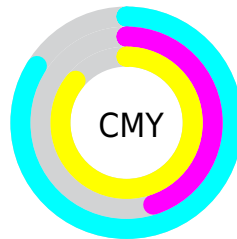
- Red (16%)
- Green (55%)
- Blue (14%)



- Red (14%)
- Yellow (55%)
- Blue (53%)



- Cyan (71%)
- Magenta (0%)
- Yellow (74%)
- Black (45%)




- Cyan (84%)
- Magenta (45%)
- Yellow (86%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 66.012, 137.244 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 51, 66.012, 137.244 by changing the saturation by 10% instead.


 51, 66.012,
137.244


 51, 66.012,
137.244


 100, 66.012,
137.244


 41, 66.012,
137.244


 71, 66.012,
137.244

 31, 66.012,
137.244

 81, 66.012,
137.244

 21, 66.012,
137.244

 91, 66.012,
137.244

 11, 66.012,
137.244

 1, 66.012, 137.244

 0, 66.012, 137.244

■ 51, 66.012,
137.244

■ 51, 66.012,
137.244

■ 51, 71.302,
136.500

■ 51, 59.192,
138.164

■ 50, 74.774,
136.039

■ 52, 51.218,
139.137

■ 50, 76.276,
135.742

■ 53, 42.440,
140.079

■ 54, 33.146,
140.944

■ 55, 23.568,
141.714

■ 56, 13.884,
142.388

■ 58, 4.231, 142.993

■ 59, 5.293, 323.403

■ 61, 14.621,
323.843

Harmonies

Complementary

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



51, 66.012, 137.244



35, 65.127, 326.286

Rectangle

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



51, 66.012, 137.244



51, 66.012, 187.244



51, 66.012, 317.244



51, 66.012, 7.244

Sweetspot

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



51, 66.012, 137.245



70, 26.218, 141.854



55, 51.551, 101.158



37, 17.758, 141.686



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



51, 66.012, 137.245



64, 89.221, 136.170



51, 48.256, 152.353



28, 5.349, 142.710



48, 73.412, 135.725



1, 2.473, 143.177

Inverse Universe

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



35, 65.127, 326.286



42, 86.977, 326.438



33, 49.128, 349.726



27, 5.362, 323.610



30, 71.284, 326.429



0, 2.474, 323.172

Previews

White Background



This preview shows how the CIELCh color 51, 66.012, 137.244 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 51, 66.012, 137.244 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 51, 66.012, 137.244

Background



This preview shows how black text looks on a background with the CIELCh color 51, 66.012, 137.244.



This preview shows how white text looks on a background with the CIELCh color 51, 66.012, 137.244.

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


51, 66.012, 137.244

Protanopia

51, 48.402, 95.291

Deuteranopia

51, 42.623, 81.598



Tritanopia
51, 20.700, 215.787

Trichromacy



Original Color
51, 66.012, 137.244



Protanomaly
50, 51.544, 117.715



Deuteranomaly
49, 45.032, 112.680



Tritanomaly
51, 32.813, 162.802

Monochromacy



Original Color
51, 66.012, 137.244



Achromatopsia
42, 0.006, 296.813



Achromatomaly
44, 27.172, 140.937

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 66.012, 137.244 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(41, 140, 36)` looks like.

```
.text, #text, p{  
    color:rgb(41, 140, 36)  
}
```

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(41, 140, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 140, 36) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 66.012, 137.244 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(41, 140, 36) }
```

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

```
.border{ border-color:rgb(41, 140, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 140, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 140, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 140, 36);  
box-shadow:4px 4px 4px 4px rgb(41, 140,  
36) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 66.012, 137.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 140, 36) }
```

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

```
.background{ background-color: rgb(41, 140,  
36) }
```

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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