

Converting Colors

CIELCh(52, 72.308, 137.143)

Have a look what the booklet for
CIELCh(52, 72.308, 137.143)
contains.

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Color

CIELCh(52, 72.389, 137.223)

Conversions

Conversions Part 1

Format	Color
Hex	19901A
RGB	25, 144, 26
RGB Percent	10%, 56%, 10%
CMY	0.9039, 0.4363, 0.8992
CMYK	0.83, 0.00, 0.82, 0.44
HSL	121°, 71%, 33%
HSV	121°, 83%, 56%
XYZ	10.5075, 20.1443, 4.2944
YIQ	94.9670, -33.0460, -61.9260

Conversions

Conversions Part 2

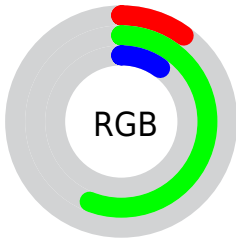
Format	Color
R_{YB}	25, 143, 144
Decimal	1675290
CIE _{Lab}	52.00, -53.13, 49.16
CIE _{LCh}	52, 72.389, 137.223
Y _{xy}	20.1443, 0.3007, 0.5764
Android (android.graphics.Color)	4279865370 (0xFF19901A)
YUV	94.9670, -34.0007, -61.3611
Hunter-Lab	44.8824, -36.7555, 25.7448

Details

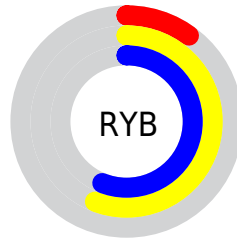
The CIELCh color **52, 72.389, 137.223** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **35, 70.323, 328.366**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 72.188, 137.279**, and **33, 56.868, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **52, 76.099, 136.487**, and if you desaturate by 10%, it is **52, 66.825, 138.215**.

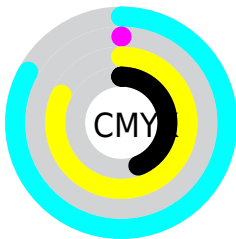
Distribution



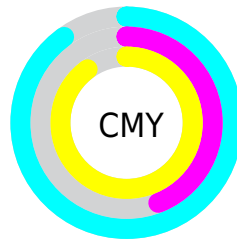
- Red (10%)
- Green (56%)
- Blue (10%)



- Red (10%)
- Yellow (56%)
- Blue (56%)



- Cyan (83%)
- Magenta (0%)
- Yellow (82%)
- Black (44%)





- Cyan (90%)
- Magenta (44%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 72.389, 137.223 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, 72.389, 137.223 by changing the saturation by 10% instead.


 52, 72.389,
137.223

 52, 72.389,
137.223


 100, 72.389,
137.223

 42, 72.389,
137.223


 72, 72.389,
137.223

 32, 72.389,
137.223

 82, 72.389,
137.223

 22, 72.389,
137.223

 92, 72.389,
137.223

 12, 72.389,
137.223

 2, 72.389, 137.223

 0, 72.389, 137.223

■ 52, 72.389,
137.223

■ 52, 72.389,
137.223

■ 52, 76.099,
136.487

■ 52, 66.825,
138.215

■ 52, 77.949,
136.126

■ 53, 59.724,
139.326

■ 54, 51.457,
140.442

■ 54, 42.368,
141.488

■ 55, 32.753,
142.427

■ 56, 22.851,
143.249

■ 58, 12.852,
143.961

■ 59, 2.900, 144.618

Harmonies

Complementary

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



52, 72.389, 137.223



35, 70.323, 328.366

Rectangle

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



52, 72.389, 137.223



52, 72.389, 187.223



52, 72.389, 317.223



52, 72.389, 7.223

Sweetspot

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



52, 72.389, 137.224



71, 30.743, 143.049



58, 58.604, 103.360



37, 21.132, 142.793



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



52, 72.389, 137.224



66, 94.367, 136.097



53, 50.990, 153.157



29, 5.562, 144.207



49, 74.516, 136.134



2, 3.741, 144.709

Inverse Universe

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



35, 70.323, 328.366



44, 90.517, 328.633



32, 52.166, 355.429



28, 5.571, 325.175



32, 71.556, 328.623



1, 3.742, 324.705

Previews

White Background



This preview shows how the CIELCh color 52, 72.389, 137.223 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, 72.389, 137.223 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, 72.389, 137.223

Background



This preview shows how black text looks on a background with the CIELCh color 52, 72.389, 137.223.



This preview shows how white text looks on a background with the CIELCh color 52, 72.389, 137.223.

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, 72.389, 137.223

Protanopia

52, 53.135, 95.560

Deuteranopia

52, 46.887, 81.985



Tritanopia
52, 22.737, 213.868

Trichromacy



Original Color
52, 72.389, 137.223



Protanomaly
50, 57.054, 119.074



Deuteranomaly
50, 50.037, 114.563



Tritanomaly
52, 37.258, 161.807

Monochromacy



Original Color
52, 72.389, 137.223



Achromatopsia
40, 0.006, 296.813



Achromatomaly
44, 31.412, 142.298

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 72.389, 137.223 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(25, 144, 26)` looks like.

```
.text, #text, p{  
    color:rgb(25, 144, 26)  
}
```

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(25, 144, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 144, 26) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 72.389, 137.223 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(25, 144, 26) }
```

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

```
.border{ border-color:rgb(25, 144, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 144, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 144, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 144, 26);  
box-shadow:4px 4px 4px 4px rgb(25, 144,  
26) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 72.389, 137.223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 144, 26) }
```

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

```
.background{ background-color: rgb(25, 144,  
26) }
```

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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