

Converting Colors

CIELCh(60, 29.673, 101.192)

Have a look what the booklet for
CIELCh(60, 29.673, 101.192)
contains.

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Color

CIELCh(60, 29.551, 100.828)

Conversions

Conversions Part 1

Format	Color
Hex	99925D
RGB	153, 146, 93
RGB Percent	60%, 57%, 36%
CMY	0.4000, 0.4274, 0.6353
CMYK	0.00, 0.05, 0.39, 0.40
HSL	53°, 24%, 48%
HSV	53°, 39%, 60%
XYZ	25.3943, 28.1233, 14.4475
YIQ	142.0510, 21.1850, -14.9990

Conversions

Conversions Part 2

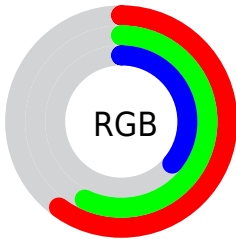
Format	Color
R_{YB}	101, 153, 93
Decimal	10064477
CIE _{Lab}	60.00, -5.55, 29.02
CIE _{LCh}	60, 29.551, 100.828
Yxy	28.1233, 0.3736, 0.4138
Android (android.graphics.Color)	4288254557 (0xFF99925D)
YUV	142.0510, -24.1821, 9.6023
Hunter-Lab	53.0314, -7.3296, 20.9694

Details

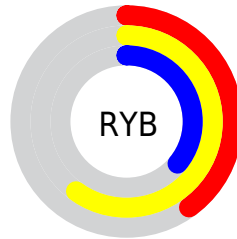
The CIELCh color $60, 29.551, 100.828$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $44, 31.782, 290.458$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 29.638, 101.214$, and $40, 29.503, 100.866$ is the 20% darker color. If you saturate the color by 10%, you get $59, 36.796, 99.760$, and if you desaturate by 10%, it is $61, 22.102, 101.909$.

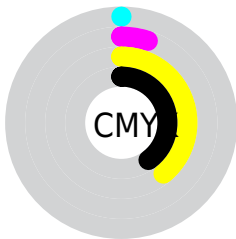
Distribution



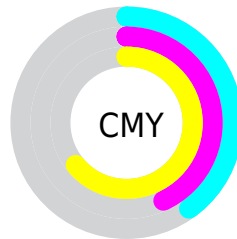
- Red (60%)
- Green (57%)
- Blue (36%)



- Red (40%)
- Yellow (60%)
- Blue (36%)



- Cyan (0%)
- Magenta (5%)
- Yellow (39%)
- Black (40%)



- Cyan (40%)
- Magenta (43%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 29.551, 100.828 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 60, 29.551, 100.828 by changing the saturation by 10% instead.

 60, 29.551,
100.828


 60, 29.551,
100.828


 100, 29.551,
100.828


 50, 29.551,
100.828


 80, 29.551,
100.828

 40, 29.551,
100.828

 90, 29.551,
100.828

 30, 29.551,
100.828

 20, 29.551,
100.828

 10, 29.551,
100.828

 0, 29.551, 100.828

 60, 29.551,

 60, 29.551,

100.828

100.828

■ 59, 36.796, 99.760

■ 61, 22.102,
101.909

■ 59, 43.659, 98.709

■ 62, 14.553,
102.978

■ 58, 49.871, 97.693

■ 57, 55.045, 96.725

■ 62, 6.972, 104.024

■ 57, 58.727, 95.807

■ 63, 0.603, 285.221

■ 56, 60.936, 94.927

■ 64, 8.148, 286.073

■ 56, 61.107, 94.859

■ 65, 15.648,
287.025

■ 66, 23.095,
287.940

■ 67, 30.485,
288.813

■ 68, 37.814,

Harmonies

Complementary

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



60, 29.551, 100.828



44, 31.782, 290.458

Rectangle

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



60, 29.551, 100.828



60, 29.551, 150.828



60, 29.551, 280.828



60, 29.551, 330.828

Sweetspot

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



60, 29.552, 100.832



79, 11.251, 103.711



46, 26.245, 14.246



41, 7.444, 103.591



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



60, 29.552, 100.832



76, 43.574, 99.897



60, 34.420, 122.918



32, 4.277, 104.023



52, 57.375, 94.926



3, 4.576, 104.398

Inverse Universe

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



44, 31.782, 290.458



52, 47.957, 292.178



44, 36.922, 307.216



30, 4.346, 286.004



17, 79.675, 304.220



1, 4.643, 285.084

Previews

White Background



This preview shows how the CIELCh color 60, 29.551, 100.828 looks on a white background.

Color Contrast Check

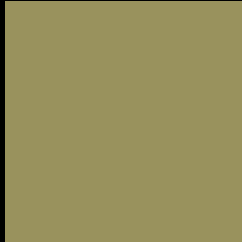
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 29.551, 100.828 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 60, 29.551, 100.828

Background



This preview shows how black text looks on a background with the CIELCh color 60, 29.551, 100.828.



This preview shows how white text looks on a background with the CIELCh color 60, 29.551, 100.828.

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

60, 29.551, 100.828

Protanopia

60, 29.918, 96.593

Deuteranopia

60, 29.297, 74.202



Tritanopia
60, 9.978, 342.012

Trichromacy



Original Color
60, 29.551, 100.828

Protanomaly
60, 29.837, 97.429

Deuteranomaly
60, 28.676, 84.375

Tritanomaly
60, 9.566, 69.379

Monochromacy



Original Color
60, 29.551, 100.828

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 10.764, 102.381

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 29.551, 100.828 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(153, 146, 93)` looks like.

```
.text, #text, p{  
    color:rgb(153, 146, 93)  
}
```

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(153, 146, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 146, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 29.551, 100.828 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(153, 146, 93) }
```

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

```
.border{ border-color:rgb(153, 146, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 146, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 146, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 146, 93);  
box-shadow:4px 4px 4px 4px rgb(153, 146,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 29.551, 100.828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 146, 93) }
```

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

```
.background{ background-color: rgb(153,  
146, 93) }
```

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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