

Converting Colors

CIELCh(61, 32.904, 86.042)

Have a look what the booklet for
CIELCh(61, 32.904, 86.042) contains.

CIELCh(61, 32.825, 85.943)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(61, 32.825, 85.943)

Conversions

Conversions Part 1

Format	Color
Hex	AA9059
RGB	170, 144, 89
RGB Percent	67%, 56%, 35%
CMY	0.3330, 0.4350, 0.6507
CMYK	0.00, 0.15, 0.48, 0.33
HSL	41°, 32%, 51%
HSV	41°, 48%, 67%
XYZ	28.3871, 29.2481, 13.6169
YIQ	145.5040, 33.1510, -11.5930

Conversions

Conversions Part 2

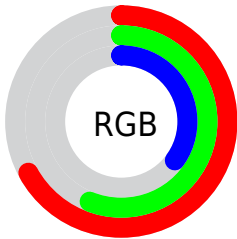
Format	Color
R_{YB}	127, 170, 89
Decimal	11178073
CIE _{Lab}	61.00, 2.32, 32.74
CIE _{LCh}	61, 32.825, 85.943
Yxy	29.2481, 0.3984, 0.4105
Android (android.graphics.Color)	4289368153 (0xFFAA9059)
YUV	145.5040, -27.8565, 21.4830
Hunter-Lab	54.0815, -0.9490, 22.9288

Details

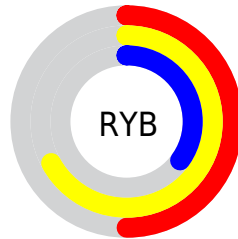
The CIELCh color **61, 32.825, 85.943** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **49, 32.896, 280.411**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 32.918, 86.110**, and **41, 32.649, 85.883** is the 20% darker color. If you saturate the color by 10%, you get **59, 39.794, 84.539**, and if you desaturate by 10%, it is **63, 25.781, 87.310**.

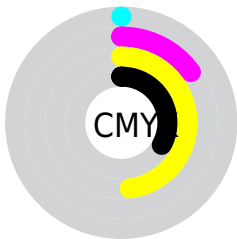
Distribution



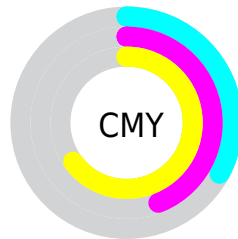
- Red (67%)
- Green (56%)
- Blue (35%)



- Red (50%)
- Yellow (67%)
- Blue (35%)



- Cyan (0%)
- Magenta (15%)
- Yellow (48%)
- Black (33%)



- Cyan (33%)
- Magenta (44%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 32.825, 85.943 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 61, 32.825, 85.943 by changing the saturation by 10% instead.

61, 32.825, 85.943

61, 32.825, 85.943

100, 32.825,
85.943

51, 32.825, 85.943

81, 32.825, 85.943

41, 32.825, 85.943

91, 32.825, 85.943

31, 32.825, 85.943

21, 32.825, 85.943

11, 32.825, 85.943

1, 32.825, 85.943

0, 32.825, 85.943

61, 32.825, 85.943

61, 32.825, 85.943

59, 39.794, 84.539

63, 25.781, 87.310

58, 46.471, 83.062

65, 18.775, 88.633

56, 52.483, 81.466

66, 11.866, 89.915

55, 57.255, 79.647

68, 5.081, 91.139

53, 60.314, 77.494

70, 1.574, 272.513

53, 61.004, 76.993

72, 8.100, 273.562

74, 14.501,
274.656

76, 20.787,
275.705

78, 26.965,
276.704

Harmonies

Complementary

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



61, 32.825, 85.943



49, 32.896, 280.411

Rectangle

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



61, 32.825, 85.943



61, 32.825, 135.943



61, 32.825, 265.943



61, 32.825, 315.943

Sweetspot

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



61, 32.825, 85.947



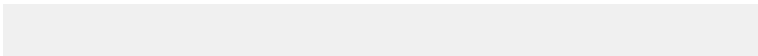
85, 11.658, 90.336



48, 36.217, 359.652



45, 8.131, 90.074



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



61, 32.825, 85.947



76, 48.856, 84.481



67, 43.473, 113.367



35, 3.744, 90.943



46, 55.071, 77.332



4, 6.292, 85.660

Inverse Universe

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



49, 32.896, 280.411



57, 49.392, 283.152



43, 48.945, 301.412



33, 3.748, 273.315



24, 65.233, 296.636



2, 7.129, 275.426

Previews

White Background



This preview shows how the CIE LCh color 61, 32.825, 85.943 looks on a white background.

Color Contrast Check

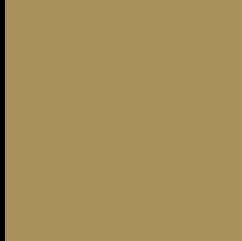
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 32.825, 85.943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

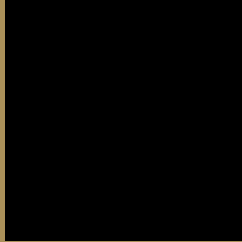
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 32.825, 85.943

Background



This preview shows how black text looks on a background with the CIELCh color 61, 32.825, 85.943.



This preview shows how white text looks on a background with the CIELCh color 61, 32.825, 85.943.

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


61, 32.825, 85.943

Protanopia

61, 32.140, 95.459

Deuteranopia

61, 33.275, 76.982



Tritanopia
61, 16.603, 359.478

Trichromacy



Original Color
61, 32.825, 85.943

Protanomaly
61, 32.082, 92.205

Deuteranomaly
61, 32.787, 80.054

Tritanomaly
61, 16.061, 47.341

Monochromacy



Original Color
61, 32.825, 85.943

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 11.958, 88.724

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 32.825, 85.943 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(170, 144, 89)` looks like.

```
.text, #text, p{  
    color:rgb(170, 144, 89)  
}
```

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(170, 144, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 144, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 32.825, 85.943 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(170, 144, 89) }
```

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

```
.border{ border-color:rgb(170, 144, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 144, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 144, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 144, 89);  
box-shadow:4px 4px 4px 4px rgb(170, 144,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 32.825, 85.943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 144, 89) }
```

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

```
.background{ background-color: rgb(170,  
144, 89) }
```

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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