

Converting Colors

CIELCh(61, 86.491, 135.624)

Have a look what the booklet for
CIELCh(61, 86.491, 135.624)
contains.

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Color

CIELCh(61, 86.579, 135.624)

Conversions

Conversions Part 1

Format	Color
Hex	19AB09
RGB	25, 171, 9
RGB Percent	10%, 67%, 4%
CMY	0.9007, 0.3305, 0.9634
CMYK	0.85, 0.00, 0.95, 0.33
HSL	114°, 90%, 35%
HSV	114°, 95%, 67%
XYZ	14.9686, 29.2481, 5.1243
YIQ	108.8780, -35.0140, -81.3340

Conversions

Conversions Part 2

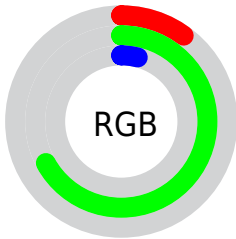
Format	Color
R_{YB}	9, 171, 155
Decimal	1682185
CIE Lab	61.00, -61.88, 60.55
CIE LCh	61, 86.579, 135.624
Yxy	29.2481, 0.3034, 0.5928
Android (android.graphics.Color)	4279872265 (0xFF19AB09)
YUV	108.8780, -49.2399, -73.5610
Hunter-Lab	54.0815, -45.2377, 32.2393

Details

The CIELCh color $61, 86.579, 135.624$ is a dark color, and the websafe version is hex 009900 . A complement of this color would be $38, 84.853, 324.516$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $81, 86.952, 135.592$, and $42, 67.364, 136.016$ is the 20% darker color. If you saturate the color by 10%, you get $61, 88.079, 135.526$, and if you desaturate by 10%, it is $61, 82.675, 135.826$.

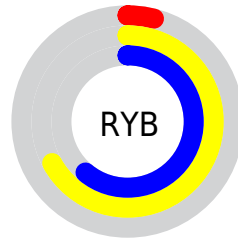
Distribution



Red (10%)

Green (67%)

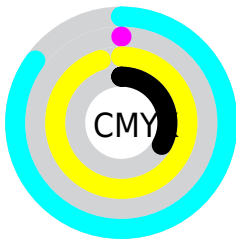
Blue (4%)



Red (4%)

Yellow (67%)

Blue (61%)

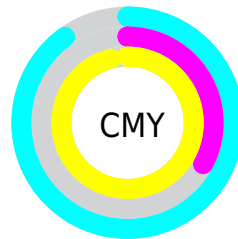


Cyan (85%)

Magenta (0%)

Yellow (95%)

Black (33%)



Cyan (90%)

Magenta (33%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 86.579, 135.624 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, 86.579, 135.624 by changing the saturation by 10% instead.

 61, 86.579,
135.624


 61, 86.579,
135.624


 100, 86.579,
135.624


 51, 86.579,
135.624


 81, 86.579,
135.624

 41, 86.579,
135.624

 91, 86.579,
135.624

 31, 86.579,
135.624

 21, 86.579,
135.624

 11, 86.579,
135.624

 1, 86.579, 135.624

 0, 86.579, 135.624

■ 61, 86.579,
135.624

■ 61, 86.579,
135.624

■ 61, 88.079,
135.526

■ 61, 82.675,
135.826

■ 62, 76.596,
136.361

■ 62, 68.702,
137.118

■ 63, 59.453,
137.970

■ 64, 49.272,
138.824

■ 65, 38.500,
139.624

■ 66, 27.406,
140.346

■ 68, 16.193,

140.984

■ 69, 5.014, 141.559

Harmonies

Complementary

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



61, 86.579, 135.624



38, 84.853, 324.516

Rectangle

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



61, 86.579, 135.624



61, 86.579, 185.624



61, 86.579, 315.624



61, 86.579, 5.624

Sweetspot

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



61, 86.579, 135.625



83, 38.708, 140.070



63, 65.829, 96.460



44, 26.909, 139.762



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, 86.579, 135.625



77, 107.238, 135.624



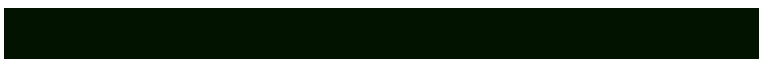
61, 69.869, 145.899



35, 6.217, 141.289



53, 79.188, 135.455



5, 11.359, 142.127

Inverse Universe

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



38, 84.853, 324.516



49, 104.730, 324.345



38, 64.280, 351.194



33, 6.237, 322.163



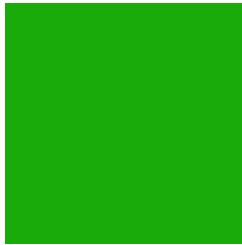
32, 77.492, 324.455



2, 11.186, 320.710

Previews

White Background



This preview shows how the CIELCh color 61, 86.579, 135.624 looks on a white background.

Color Contrast Check

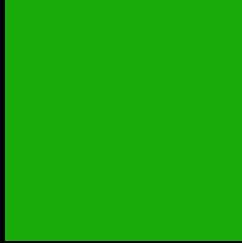
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 61, 86.579, 135.624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

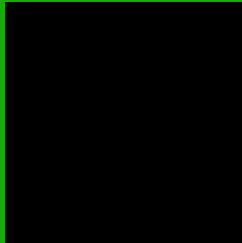
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 86.579, 135.624

Background



This preview shows how black text looks on a background with the CIELCh color 61, 86.579, 135.624.



This preview shows how white text looks on a background with the CIELCh color 61, 86.579, 135.624.

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, 86.751, 135.627

Protanopia

60, 64.622, 94.916

Deuteranopia

61, 57.156, 82.178



Tritanopia
61, 25.970, 213.905

Trichromacy



Original Color
61, 86.751, 135.627



Protanomaly
59, 69.248, 118.069



Deuteranomaly
59, 61.470, 113.970



Tritanomaly
60, 45.626, 157.737

Monochromacy



Original Color
61, 86.751, 135.627



Achromatopsia
46, 0.006, 296.813



Achromatomaly
50, 39.458, 138.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 86.579, 135.624 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, 171, 9)` looks like.

```
.text, #text, p{  
    color:rgb(25, 171, 9)  
}
```

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, 171, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 171, 9) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 86.579, 135.624 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, 171, 9) }
```

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

```
.border{ border-color:rgb(25, 171, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 171, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 171, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 171, 9);  
box-shadow:4px 4px 4px 4px rgb(25, 171, 9)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 61, 86.579, 135.624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 171, 9) }
```

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

```
.background{ background-color: rgb(25, 171,  
9) }
```

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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