

Converting Colors

CIELCh(62, 36.169, 92.745)

Have a look what the booklet for
CIELCh(62, 36.169, 92.745) contains.

CIELCh(62, 36.216, 92.652)	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(62, 36.216, 92.652)

Conversions

Conversions Part 1

Format	Color
Hex	A89555
RGB	168, 149, 85
RGB Percent	66%, 58%, 33%
CMY	0.3419, 0.4163, 0.6673
CMYK	0.00, 0.11, 0.49, 0.34
HSL	46°, 33%, 50%
HSV	46°, 49%, 66%
XYZ	28.4668, 30.4025, 12.9302
YIQ	147.3850, 31.8680, -15.8760

Conversions

Conversions Part 2

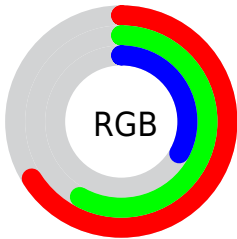
Format	Color
RYB	110, 168, 85
Decimal	11048277
CIELab	62.00, -1.68, 36.18
CIELCh	62, 36.216, 92.652
Yxy	30.4025, 0.3965, 0.4234
Android (android.graphics.Color)	4289238357 (0xFFFA89555)
YUV	147.3850, -30.7558, 18.0794
Hunter-Lab	55.1385, -4.3368, 24.6932

Details

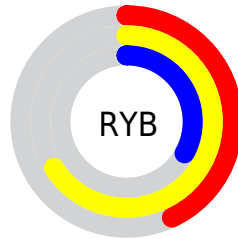
The CIELCh color **62, 36.216, 92.652** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **45, 38.280, 286.842**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 36.251, 92.526**, and **42, 36.393, 93.025** is the 20% darker color. If you saturate the color by 10%, you get **61, 43.236, 91.371**, and if you desaturate by 10%, it is **63, 28.940, 93.916**.

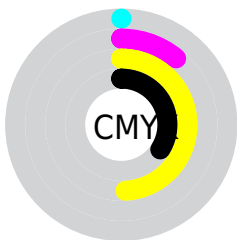
Distribution



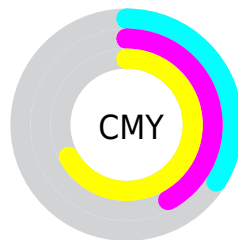
- Red (66%)
- Green (58%)
- Blue (33%)



- Red (43%)
- Yellow (66%)
- Blue (33%)



- Cyan (0%)
- Magenta (11%)
- Yellow (49%)
- Black (34%)



- Cyan (34%)
- Magenta (42%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 36.216, 92.652 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 62, 36.216, 92.652 by changing the saturation by 10% instead.

62, 36.216, 92.652

62, 36.216, 92.652

100, 36.216,
92.652

52, 36.216, 92.652

82, 36.216, 92.652

42, 36.216, 92.652

92, 36.216, 92.652

32, 36.216, 92.652

22, 36.216, 92.652

12, 36.216, 92.652

2, 36.216, 92.652

0, 36.216, 92.652

62, 36.216, 92.652

62, 36.216, 92.652

61, 43.236, 91.371

63, 28.940, 93.916

60, 49.725, 90.055

65, 21.566, 95.152

58, 55.258, 88.681

66, 14.188, 96.358

57, 59.267, 87.195

67, 6.853, 97.522

56, 61.640, 85.565

69, 0.410, 279.053

56, 61.772, 85.476

70, 7.592, 279.795

72, 14.687,
280.833

73, 21.695,
281.830

75, 28.619,
282.779

Harmonies

Complementary

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



62, 36.216, 92.652



45, 38.280, 286.842

Rectangle

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



62, 36.216, 92.652



62, 36.216, 142.652



62, 36.216, 272.652



62, 36.216, 322.652

Sweetspot

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



62, 36.217, 92.656



85, 13.579, 96.849



47, 36.426, 7.384



44, 9.260, 96.612



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



62, 36.217, 92.656



78, 53.311, 91.287



65, 45.179, 117.645



35, 4.116, 97.540



50, 56.345, 85.685



5, 6.985, 94.059

Inverse Universe

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



45, 38.280, 286.842



53, 57.747, 289.522



42, 50.526, 304.497



33, 4.154, 279.753



21, 74.224, 300.922



1, 7.768, 280.589

Previews

White Background



This preview shows how the CIELCh color 62, 36.216, 92.652 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 62, 36.216, 92.652 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 ✓ Pass

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

CIELCh 62, 36.216, 92.652

Background



This preview shows how black text looks on a background with the CIELCh color 62, 36.216, 92.652.



This preview shows how white text looks on a background with the CIELCh color 62, 36.216, 92.652.

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

62, 36.216, 92.652

Protanopia

62, 36.276, 95.545

Deuteranopia

62, 36.803, 77.209



Tritanopia
62, 14.325, 355.539

Trichromacy



Original Color
62, 36.216, 92.652

Protanomaly
62, 36.371, 94.854

Deuteranomaly
62, 35.911, 82.841

Tritanomaly
62, 14.775, 57.213

Monochromacy



Original Color
62, 36.216, 92.652

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 13.721, 96.503

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 36.216, 92.652 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(168, 149, 85)` looks like.

```
.text, #text, p{  
    color:rgb(168, 149, 85)  
}
```

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(168, 149, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 149, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 36.216, 92.652 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(168, 149, 85) }
```

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

```
.border{ border-color:rgb(168, 149, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 149, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 149, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 149, 85);  
box-shadow:4px 4px 4px 4px rgb(168, 149,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 36.216, 92.652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 149, 85) }
```

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

```
.background{ background-color: rgb(168,  
149, 85) }
```

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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