

Converting Colors

CIELCh(65, 45.669, 87.202)

Have a look what the booklet for
CIELCh(65, 45.669, 87.202) contains.

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Color

CIELCh(65, 45.706, 86.941)

Conversions

Conversions Part 1

Format	Color
Hex	BA9A4A
RGB	186, 154, 74
RGB Percent	73%, 60%, 29%
CMY	0.2706, 0.3960, 0.7098
CMYK	0.00, 0.17, 0.60, 0.27
HSL	43°, 45%, 51%
HSV	43°, 60%, 73%
XYZ	33.0438, 34.0472, 11.3097
YIQ	154.4480, 44.7520, -18.0960

Conversions

Conversions Part 2

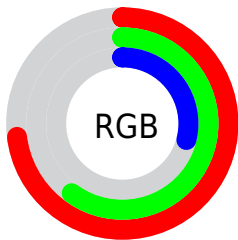
Format	Color
RYB	119, 186, 74
Decimal	12229194
CIELab	65.00, 2.44, 45.64
CIElCh	65, 45.706, 86.941
Yxy	34.0472, 0.4215, 0.4343
Android (android.graphics.Color)	4290419274 (0xFFBA9A4A)
YUV	154.4480, -39.6609, 27.6711
Hunter-Lab	58.3500, -1.0273, 29.3530

Details

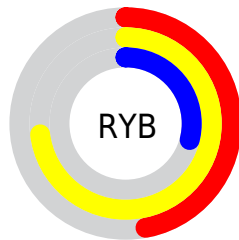
The CIELCh color **65, 45.706, 86.941** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **46, 47.683, 286.267**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 45.717, 87.108**, and **45, 45.703, 86.678** is the 20% darker color. If you saturate the color by 10%, you get **63, 52.680, 85.486**, and if you desaturate by 10%, it is **67, 38.233, 88.337**.

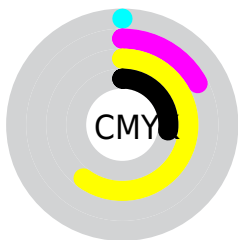
Distribution



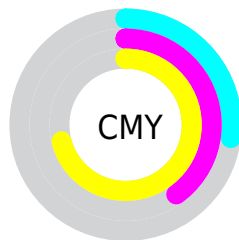
- Red (73%)
- Green (60%)
- Blue (29%)



- Red (47%)
- Yellow (73%)
- Blue (29%)



- Cyan (0%)
- Magenta (17%)
- Yellow (60%)
- Black (27%)



- Cyan (27%)
- Magenta (40%)
- Yellow (71%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 45.706, 86.941 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 65, 45.706, 86.941 by changing the saturation by 10% instead.

 65, 45.706, 86.941

 65, 45.706, 86.941

 100, 45.706,
86.941

 55, 45.706, 86.941

 85, 45.706, 86.941

 45, 45.706, 86.941

 95, 45.706, 86.941

 35, 45.706, 86.941

 25, 45.706, 86.941

 15, 45.706, 86.941

 5, 45.706, 86.941

 0, 45.706, 86.941

 65, 45.706, 86.941

 65, 45.706, 86.941

 63, 52.680, 85.486

 67, 38.233, 88.337

62, 58.672, 83.911

68, 30.555, 89.686

60, 63.014, 82.117

70, 22.839, 90.999

59, 65.526, 80.109

72, 15.173, 92.274

74, 7.603, 93.501

75, 0.148, 93.389

77, 7.186, 275.903

79, 14.401,
276.990

81, 21.502,
278.036

Harmonies

Complementary

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



65, 45.706, 86.941



46, 47.683, 286.267

Rectangle

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



65, 45.706, 86.941



65, 45.706, 136.941



65, 45.706, 266.941



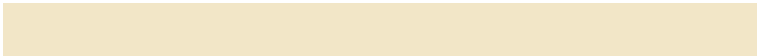
65, 45.706, 316.941

Sweetspot

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



65, 45.706, 86.944



91, 16.723, 92.513



48, 48.424, 4.935



49, 11.742, 92.147



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



65, 45.706, 86.944



80, 66.565, 85.033



72, 57.908, 114.186



38, 4.170, 93.606



50, 57.462, 80.469



7, 10.180, 85.620

Inverse Universe

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



46, 47.683, 286.267



52, 71.947, 290.235



40, 67.794, 303.967



36, 4.189, 275.950



24, 71.680, 298.598



2, 12.281, 279.973

Previews

White Background



This preview shows how the CIELCh color 65, 45.706, 86.941 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 CIE LCh color 65, 45.706, 86.941 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 65, 45.706, 86.941

Background



This preview shows how black text looks on a background with the CIELCh color 65, 45.706, 86.941.



This preview shows how white text looks on a background with the CIELCh color 65, 45.706, 86.941.

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

65, 45.706, 86.941

Protanopia

65, 45.124, 95.610

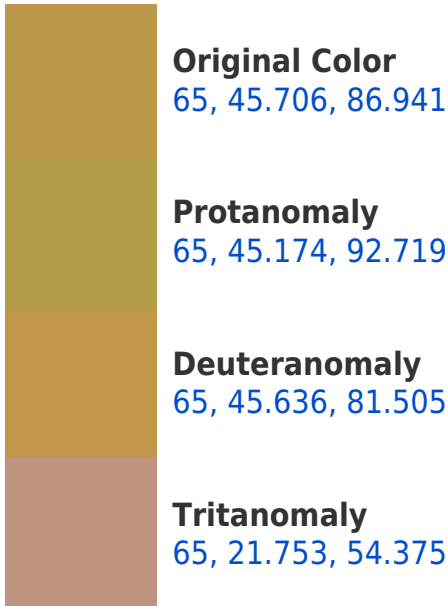
Deuteranopia

65, 46.092, 79.270



Tritanopia
65, 19.828, 3.683

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 45.706, 86.941 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(186, 154, 74)` looks like.

```
.text, #text, p{  
    color:rgb(186, 154, 74)  
}
```

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(186, 154, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 154, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 45.706, 86.941 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(186, 154, 74) }
```

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

```
.border{ border-color:rgb(186, 154, 74) }
```

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

Here you see how a box with a 4 pixel rgb(186, 154, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 154, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 154, 74);  
box-shadow:4px 4px 4px 4px rgb(186, 154,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 45.706, 86.941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 154, 74) }
```

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

```
.background{ background-color: rgb(186,  
154, 74) }
```

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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