

[Skip to content](#)

CompositorNodeColorCorrection(CompositorNode)

base classes — `bpy_struct`, `Node`, `NodeInternal`, `CompositorNode`

class `bpy.types.CompositorNodeColorCorrection(CompositorNode)`

Adjust the color of an image, separately in several tonal ranges (highlights, midtones and shadows)

blue

Blue channel active

TYPE:

boolean, default True

green

Green channel active

TYPE:

boolean, default True

highlights_contrast

Highlights contrast

TYPE:

float in [0, 4], default 1.0

highlights_gain

Highlights gain

TYPE:

float in [0, 4], default 1.0

highlights_gamma

Highlights gamma

TYPE:

float in [0, 4], default 1.0

highlights_lift

Highlights lift

TYPE:

float in [-1, 1], default 0.0

highlights_saturation

Highlights saturation

TYPE:

float in [0, 4], default 1.0

master_contrast

Master contrast

TYPE:

float in [0, 4], default 1.0

master_gain

Master gain

TYPE:

float in [0, 4], default 1.0

master_gamma

Master gamma

TYPE:

float in [0, 4], default 1.0

master_lift

Master lift

TYPE:

float in [-1, 1], default 0.0

master_saturation

Master saturation

TYPE:

float in [0, 4], default 1.0

midtones_contrast

Midtones contrast

TYPE:

float in [0, 4], default 1.0

midtones_end

End of midtones

TYPE:

float in [0, 1], default 0.7

midtones_gain

Midtones gain

TYPE:

float in [0, 4], default 1.0

midtones_gamma

Midtones gamma

TYPE:

float in [0, 4], default 1.0

midtones_lift

Midtones lift

TYPE:

float in [-1, 1], default 0.0

midtones_saturation

Midtones saturation

TYPE:

float in [0, 4], default 1.0

midtones_start

Start of midtones

TYPE:

float in [0, 1], default 0.2

red

Red channel active

TYPE:

boolean, default True

shadows_contrast

Shadows contrast

TYPE:

float in [0, 4], default 1.0

shadows_gain

Shadows gain

TYPE:

float in [0, 4], default 1.0

shadows_gamma

Shadows gamma

TYPE:

float in [0, 4], default 1.0

shadows_lift

Shadows lift

TYPE:

float in [-1, 1], default 0.0

shadows_saturation

Shadows saturation

TYPE:

float in [0, 4], default 1.0

classmethod is_registered_node_type()

True if a registered node type

RETURNS:

Result

RETURN TYPE:

boolean

classmethod input_template(index)

Input socket template

PARAMETERS:

index (*int in [0, inf]*) – Index

RETURNS:

result

RETURN TYPE:

`NodeInternalSocketTemplate`

classmethod `output_template(index)`

Output socket template

PARAMETERS:

index (*int* in $[0, \text{inf}]$) – Index

RETURNS:

result

RETURN TYPE:

`NodeInternalSocketTemplate`

update()

classmethod `bl_rna_get_subclass(id, default=None)`

PARAMETERS:

id (*str*) – The RNA type identifier.

RETURNS:

The RNA type or default when not found.

RETURN TYPE:

`bpy.types.Struct` subclass

classmethod `bl_rna_get_subclass_py(id, default=None)`

PARAMETERS:

id (*str*) – The RNA type identifier.

RETURNS:

The class or default when not found.

RETURN TYPE:

type

Inherited Properties

- `bpy_struct.id_data`
- `Node.type`
- `Node.location`
- `Node.location_absolute`
- `Node.width`
- `Node.height`
- `Node.dimensions`
- `Node.name`
- `Node.label`
- `Node.inputs`
- `Node.outputs`
- `Node.internal_links`
- `Node.parent`
- `Node.warning_propagation`
- `Node.use_custom_color`
- `Node.select`
- `Node.show_options`
- `Node.show_preview`
- `Node.hide`
- `Node.mute`
- `Node.show_texture`
- `Node.bl_idname`
- `Node.bl_label`
- `Node.bl_description`
- `Node.bl_icon`
- `Node.bl_static_type`
- `Node.bl_width_default`
- `Node.bl_width_min`
- `Node.bl_width_max`
- `Node.bl_height_default`

- [Node.color](#)
- [Node.bl_height_min](#)
- [Node.color_tag](#)
- [Node.bl_height_max](#)

Inherited Functions

- [bpy_struct.as_pointer](#)
- [bpy_struct.driver_add](#)
- [bpy_struct.driver_remove](#)
- [bpy_struct.get](#)
- [bpy_struct.id_properties_clear](#)
- [bpy_struct.id_properties_ensure](#)
- [bpy_struct.id_properties_ui](#)
- [bpy_struct.is_property_hidden](#)
- [bpy_struct.is_property_overridable_library](#)
- [bpy_struct.is_property_readonly](#)
- [bpy_struct.is_property_set](#)
- [bpy_struct.items](#)
- [bpy_struct.keyframe_delete](#)
- [bpy_struct.keyframe_insert](#)
- [bpy_struct.keys](#)
- [bpy_struct.path_from_id](#)
- [bpy_struct.path_resolve](#)
- [bpy_struct.pop](#)
- [bpy_struct.property_overridable_library_set](#)
- [bpy_struct.property_unset](#)
- [bpy_struct.type_recast](#)
- [bpy_struct.values](#)
- [Node.socket_value_update](#)
- [Node.is_registered_node_type](#)
- [Node.poll](#)
- [Node.poll_instance](#)
- [Node.update](#)
- [Node.insert_link](#)
- [Node.init](#)
- [Node.copy](#)
- [Node.free](#)
- [Node.draw_buttons](#)
- [Node.draw_buttons_ext](#)
- [Node.draw_label](#)
- [Node.debug_zone_body_lazy_function_graph](#)
- [Node.debug_zone_lazy_function_graph](#)
- [Node.poll](#)
- [Node.bl_rna_get_subclass](#)
- [Node.bl_rna_get_subclass_py](#)
- [NodeInternal.poll](#)
- [NodeInternal.poll_instance](#)
- [NodeInternal.update](#)
- [NodeInternal.draw_buttons](#)
- [NodeInternal.draw_buttons_ext](#)
- [NodeInternal.bl_rna_get_subclass](#)
- [NodeInternal.bl_rna_get_subclass_py](#)
- [CompositorNode.tag_need_exec](#)
- [CompositorNode.poll](#)
- [CompositorNode.update](#)
- [CompositorNode.bl_rna_get_subclass](#)
- [CompositorNode.bl_rna_get_subclass_py](#)